1998-2005 ACCESSORIES & BODY, CAB

Interior Equipment - 163 Chassis

GENERAL INFORMATION

GENERAL NOTES: PASSENGER CARS: INTERIOR EQUIPMENT - AH68.00-Z-9999AZ

MODEL all

◁◗	Notes on replacing trim strips in vehicle interior	MODEL 240	AH68.00-P-0002-01H
◁◗	Notes and list of compatible garage door drives for garage door opener	MODEL all with CODE (231) Garage door opener with CODE (YF9) Garage door opener	**AH68.05-P-0001-01A**
USA	Notes on operating drawer	MODEL 203.0	AH68.30-P-0001-01A
USA	Notes on carrying out repair work in the vehicle interior	MODEL 240	AH68.00-P-0001-01H

NOTES AND LIST OF COMPATIBLE GARAGE DOOR DRIVES FOR GARAGE DOOR OPENER - AH68.05-P-0001-01A

All models with code 231 Garage door opener or with code YF9 Garage door opener

Compatibility, garage door drive to garage door opener

If the garage door drive is not compatible with the garage door opener, a universal receiver (Fix Kit receiver) can be installed in the garage for modulating the radio signal.

◁◗ The corresponding compatibility list can be found on the Internet site

http://www.eurohomelink.com

in chapter "HomeLink compatibility".

Additional information on universal receivers is given at the Internet address above and can also be ordered there.

BASIC KNOWLEDGE

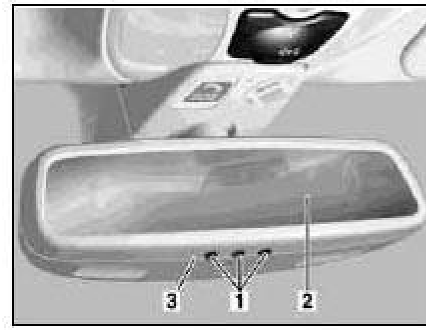
GARAGE DOOR OPENER, FUNCTION - GF68.05-P-0001A

MODEL 129, 202 as of 1.6.98, 203, 208, 210 as of 1.6.98, 215, 220, 230 with CODE (231a) Garage door opener

MODEL 163 as of 1.9.01, 170 as of 1.6.98

Shown on model 230

1 *Garage door opener button 1 (A67s1)*
Garage door opener button 2 (A67s2)
Garage door opener button 3 (A67s3)
2 *Interior rearview mirror unit (A67)*
3 *Garage door opener indicator lamp (A67e4)*



P68.05-2038-01

Fig. 1: Identifying Garage Door Opener Buttons - Shown On Model 230

Garage door opener, function

The garage door opener consists of an intelligent radio remote control with three transmitter buttons capable of learning. Various receivers for opening and closing systems and doors can be activated with the three buttons, garage door opener button 1 (A67s1), garage door opener button 2 (A67s2) or garage door opener button 3 (A67s3).

Program remote control

Function requirements:

- Term. 15R or 15 ON
- Press and hold down garage door opener button 1 (A67s1), garage door opener button 2 (A67s2) or garage door opener button 3 (A67s3).
- The garage door opener indicator lamp (A67e4) starts flashing (frequency 1 Hz).
- Continue to actuate garage door opener button 1 (A67s1), garage door opener button 2 (A67s2) or garage door opener button 3 (A67s3) and hold garage door remote control with transmit button pressed for $t < 90$ s.

  After successful programming, the garage door opener indicator lamp (A67e4) flashes rapidly ($f = 5.5$ Hz) for approx. 10 s.

- Release the two transmit buttons and program additional transmitters as required.

Time switch-off

To protect the vehicle battery, the transmitter unit switches off the learn-in mode when programming is not accomplished within approx. 100 s.

Transmitter mode

If garage door opener button 1 (A67s1), garage door opener button 2 (A67s2) or garage door opener button 3 (A67s3) is actuated, the signal learned for this memory location is transmitted activating the associated garage door drive.

The garage door opener (signal has a range of at least 15 m.

Erasing

- Circuit 15 R or circuit 15 ON.
- Simultaneously press garage door opener button 1 (A67s1) and garage door opener button 3 (A67s3) and hold down for approx. 20 s. The garage door opener indicator lamp (A67e4) starts to flash.
- After the LED starts to flash, release garage door opener button 1 (A67s1) and garage door opener button 3 (A67s3) within 10 s while garage door opener indicator lamp (A67e4) is flashing. The existing data of the memory locations is erased.

The memory can be deleted by actuating garage door opener button 1 (A67s1) and garage door opener button 3 (A67s3) for longer than 20 s. The LED flashes rapidly for approx. 10 s indicating that all memory locations have been successfully deleted.

AH	Notes and list of compatible garage door drives for garage door opener	**AH68.05-P-0001-01A**
	Garage door opener transmitter, location/ purpose	**GF68.05-P-1100A**

CONTENTS, FUNCTION DESCRIPTION OF GARAGE DOOR OPENER - GF68.05-P-0999A

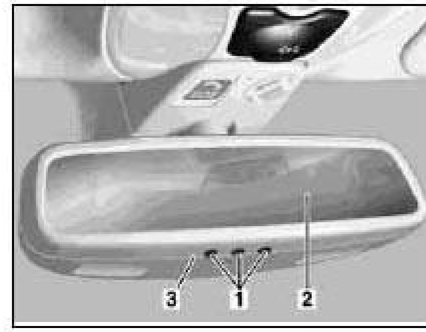
MODEL 129, 163, 170, 202 as of 1.6.98, 203, 208, 210 as of 1.6.98, 215, 220, 230 with CODE (231a) Garage door opener

Garage door opener, function	**GF68.05-P-0001A**
Survey of system components, garage door opener, location/purpose/design/function	**GF68.05-P-9999RZ**

GARAGE DOOR OPENER TRANSMITTER, LOCATION/PURPOSE - GF68.05-P-1100A

MODEL 129 as of 1.6.98,163 as of 1.9.01,170, 202 as of 1.6.98,203,208, 210 as of 1.6.98,215, 220, 230 with CODE (231a) Garage door opener

1 Garage door opener transmitter buttons
2 Interior rearview mirror
3 LED



P68.05-2038-01

Fig. 2: Identifying Garage Door Opener Transmitter Keys

Illustrated on model 230

	Garage door opener transmitter, location	Models 129, 202, 203, 208, 210, 220, 230	GF68.05-P-1100-01A
		Model 170	GF68.05-P-1100-01B
		Model 163	**GF68.05-P-1100-01C**
	Garage door opener transmitter, purpose	Up to 3 different garage door drives can be activated with the garage door opener.	

GARAGE DOOR OPENER TRANSMITTER, LOCATION - GF68.05-P-1100-01C

The transmitter keys (1) as well as the transmitter for opening the garage door are located in the mounting shaft between the interior lamps.



P68.05-2014-71

Fig. 3: Identifying Garage Door Opener Transmitter Buttons - Illustrated On Model 230

SURVEY, SYSTEM COMPONENTS, GARAGE DOOR OPENER, LOCATION/ PURPOSE/DESIGN/FUNCTION - GF68.05-P-9999RZ

MODEL 129, 163, 170, 202 as of 1.6.98,203,208, 210 as of 1.6.98,215, 220, 230 with CODE (231a) Garage door opener

	Garage door opener transmitter, location/ purpose		GF68.05-P-1100A
	Contents, function description of garage door opener		GF68.05-P-0999A

AUTOMATIC DIMMING INSIDE REARVIEW MIRROR, FUNCTION - GF68.49-P-0003GH

MODEL 163 as of 1.9.99 with CODE (249b) Automatic dimming inside rearview and outside rearview mirror (driver)

Function requirements

- No overvoltage or undervoltage
- Term. 15R or 15 ON
- Reverse gear not engaged
- Interior lighting not switched on

Function

The glass of the inside rearview mirror (A67) can be electro-chromatically dimmed. The mirror glass between the reflector and the glass cover contains a layer of electrolyte gel. The light transmission ratio of this gel changes when a voltage is applied to it.

The light hitting the surface of the mirror is more or less reflected due to the variable of the actuation voltage.

The actuation voltage is controlled by the electronic circuitry in the inside rearview mirror. This is accomplished depending on the ambient light and the light hitting the mirror.

The two input parameters are detected by the mirror dimming to rear sensor (A67h2) in the mirror housing (rear) and by the mirror dimming forward sensor (A67h1) in the mirror glass of the inside rearview mirror (A67).

◁ The inside rearview mirror unit (A67) also acts as the master for the outside mirror dimming function (driver's side).

	Automatically dimming driver-side outside mirror, function		GF88.79-P-2003GH

CONTENTS - FUNCTION DESCRIPTION, AUTOMATIC DIMMING INSIDE REARVIEW MIRROR - GF68.49-P-0999GH

MODEL 163 as of 1.9.99 with CODE (249a) Automatic dimming inside rearview mirror

	Function description, automatic dimming inside rearview mirror		GF68.49-P-0003GH
	Automatic dimming outside rearview mirror on driver's side, function		GF88.79-P-2003GH

TROUBLE DIAGNOSIS

FRONT ASHTRAY DOES NOT OPEN SOFTLY OR IS STUCK - AF68.20-P-6000A

MODEL 163.113 /128 /154 /157 /174 /175 #A as of 289560 up to 480543,163.113 /128 #X as of 754620 up to 777100

Operation no. of operation texts or standard texts and flat rates

Category	Op. no.	Operation text	Time	Acc. no.	Code
P	024513	Replace Damper for front ashtray	010 WU	-	-

Damage code	Cause	Remedy	
81 031 H2	Foreign matter stuck in ashtray housing. Damper is missing or is damaged.	1 Remove front ashtray housing (1).	**AR68.20-P-2400GI**
		2 Remove foreign matter.	
		3 Check operation (open and close ashtray) ◁◗ If ashtray does not open softly or opens jerkily. ?	
		4 Remove/install/replace damper on ashtray (2).	
		5 Install ashtray housing (1).	**AR68.20-P-2400GI**
		6 Perform a function test	

1 *Ashtray housing*
2 *Damper*

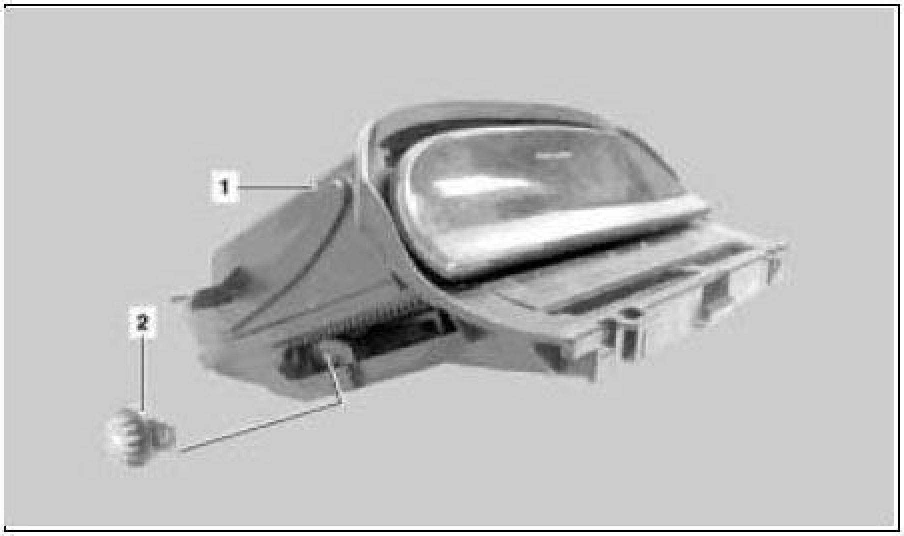


Fig. 4: Identifying Ashtray Housing And Damper

Parts ordering notes

Part no.	Designation	Quantity
163 680 03 26	Damper	1

ASHTRAY HOUSING CANNOT BE OPENED - AF68.20-P-6003A

MODEL 163.113 /154 /174 #A as of 289565, 163.128 /157 /175

Operation no. of the operation texts or standard texts and flat rates

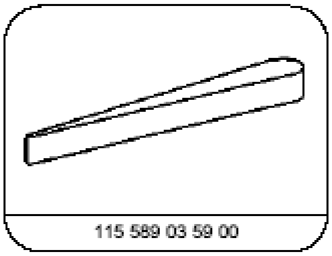
Range	Op. no.	Operation text	Flat rate	Acc. no.	Code
P	023919	Correct installation position of cigarette lighter	001 WU/0.1 h	82 331 **	---

Damage code	Cause	Remedy	
	Cigarette lighter not fully seated, causing ashtray housing to jam when closed.	It is NOT necessary to replace the complete ashtray housing. 1 Using a long wedge, slide under edge of ashtray cover and pry up and out to remove. Support cover to prevent breaking tabs from abrupt release. Start from lower left corner (arrow).	**Fig. 6**
		2 Push inward on head of cigarette lighter until lighter snaps into proper position.	
		3 Reinstall front ashtray cover.	
		4 Verify proper operation.	

1 Front ashtray cover
2 Cigarette lighter
Arrow Lower left corner of front ashtray



Fig. 5: Identifying Front Ashtray Cover & Cigarette Lighter



Long wedge

Fig. 6: Identifying Long Wedge (115 589 03 59 00)

ILLUMINATED MIRROR, OCCASIONAL MALFUNCTION - AF68.60-P-2001A

MODEL 163.154 /172 #A as of 145273,163.154 /172 #X as of 708319,163.113 /128 /157 /174 /175

Damage code	Cause	Remedy
81 002	As soon as the sun visor is removed from the holder, the illuminated mirror looses contact.	To use the illuminated mirror the sun visor must remain arrested in the holder The illuminated mirror does not function as long as the sun visor is outside the holder.
	This malfunction is frequently incorrectly diagnosed as a defective lead or sun visor contact fault.	The sun visor and illuminated mirror function properly and should NOT be replaced.

SELF-DIAGNOSTIC SYSTEM

GARAGE DOOR OPENER DIAGNOSIS, CONTENTS - AD68.05-P-1000AZ

MODEL 129, 163, 170, 202, 208, 210 as of 1.6.98,215, 220 with CODE (231a) Garage door opener

22.1 [] 11	Garage door opener diagnosis, previous knowledge		**AD68.05-P-2000A**
22.1 [] 12	Garage door opener diagnosis, function check		**AD68.05-P-3000A**
22.1 [] 13	Garage door opener diagnosis, troubleshooting		**AD68.05-P-5000A**
22.1 [] 21	Garage door opener, testing electrical system		**AD68.05-P-6000A**

GARAGE DOOR OPENER, DIAGNOSIS TOOLS - AD68.05-P-2000-01A

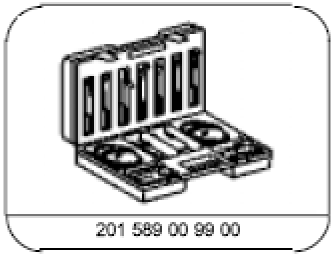


Fig. 7: Identifying Electrical Connection Set (201 589 00 99 00)

COMPATIBILITY CHECK FOR GARAGE DOOR OPENER - AD68.05-P-2000-02A

Program compatibility tester

1. Connect compatibility tester to cigar lighter.
2. Switch on circuit 15R or circuit 15.
3. Press one of the transmit buttons for longer than 20 s.

The compatibility changes over to the learning mode indicated by the LED flashing.

4. Hold the hand transmitter for the appropriate system against the interior rearview mirror and operate.

When the learning procedure is completed the LED flashes rapidly.

It is possible to program three different transmitter frequencies. A transmitter frequency is assigned to each transmit button.

Open or close garage door

5. Press corresponding button. The signal learned for this memory location is transmitted.

The signal from the compatibility tester has a range of at least 85% of the range of the garage door remote control, however at least 15 m.

If the garage door can be opened or closed, the garage door opener is compatible with the garage door.

Delete compatibility tester

6. Press the two outer transmit buttons for longer than 20 s. After approx. 10 s, the LED flashes rapidly to indicate that all memory locations have been erased.

Before returning the compatibility tester, ensure that the programming is deleted!

GARAGE DOOR OPENER DIAGNOSIS, PREVIOUS KNOWLEDGE - AD68.05-P-2000A

MODEL 129, 163, 170, 202, 208, 210 as of 1.6.98,215, 220 with CODE (231a) Garage door opener

Nm	Garage door opener location	Models 129, 202, 208, 210, 215, 220 Model 170 Model 163	GF68.05-P-1100-01A GF68.05-P-1100-01B **GF68.05-P-1100-01C**
	Electrical wiring diagrams	Model 163 Model 170 Models 202, 208 Model 210 Model 220 Model 129, volume 2, FG 68	PE68.00-P-1100D PE68.00-P-1100C PE68.00-P-1100B PE68.00-P-1100A PE68.00-P-1100SA
	Connection and use of test equipment		**AD00.00-P-1000AZ**
	Diagnostic tools, garage door opener		**AD68.05-P-2000-01A**
	Compatibility test for garage door opener		**AD68.05-P-2000-02A**

GARAGE DOOR OPENER DIAGNOSIS, FUNCTION CHECK - AD68.05-P-3000A

MODEL 129, 163, 170, 202, 208, 210 as of 1.6.98,215, 220 with CODE (231a) Garage door opener

	Garage door opener diagnosis, previous knowledge		**AD68.05-P-2000A**
	Key to diagnostic symbols		**AD00.00-P-2001A**
	• Fuses in order • Battery voltage 11-14V • Ignition: **ON**		
	Function check		
Scope of test	**Operation / requirement**	**Specified value**	**Possible cause / remedy**
1 Transmitting push-button	The desired transmitting push-button is programmed. The vehicle is inside the garage door range. The garage door opener signal has a range of at least 85% of the range of the garage door hand transmitter or 15m. Press programmed transmitting push-button.	Garage door is activated.	**AD68.05-P-5000A**

GARAGE DOOR OPENER DIAGNOSIS, TROUBLE-SHOOTING - AD68.05-P-5000A

MODELS 129, 163, 170, 202, 208, 210 as of 1.6.98,215, 220 with CODE (231a) Garage door opener

	Garage door opener diagnosis, previous knowledge		**AD68.05-P-2000A**

◁◑	• Fuses in order. • Battery voltage 11-14 V • Ignition: **ON**		
	Troubleshooting		
Complaint	**Possible cause**	**Note**	**Remedy**
The garage door cannot be activated with the garage door opener installed in the vehicle.	The garage door opener has not been programmed correctly.		**GF68.05-P-0001A**
	The garage door is defective		Check garage door: Activate the garage door with the hand transmitter. If the garage door cannot be opened and closed with the hand transmitter, the garage door has a mechanical or electrical defect.
	The garage door's receiver and the garage door opener installed in the vehicle are not compatible.	A list of compatible garage doors is included in the passenger car sales manual	If the used garage door is not listed check compatibility with compatibility tester.
		Compatibility check of electrical system for garage door opener Models 129, 170, 202, 208, 210 as of 1.6.98, 163 as of 1.9.01, 215, 220 with CODE (231a) garage door opener Compatibility check for garage door opener.	**AD68.05-P-6000-02A** **AD68.05-P-2000-02A**
	Voltage supply to garage door opener interrupted.	Model 208 as of 1.6.98, except CODE (249a) Automatic dimming inside rearview mirror	AD68.05-P-6000-01A
		Model 202 as of 1.6.98, Model 210 as of 1.6.98, except CODE (249a) Automatic dimming inside rearview mirror	AD68.05-P-6000-01C
		Model 202 as of 1.6.98, Model 208 as of 1.6.98, Model 210 as of 1.6.98, with CODE (249a)	AD68.05-P-6000-01G

		Automatic dimming inside rearview mirror	
		Model 129 as of 1.6.98	AD68.05-P-6000-01B
		Model 170 as of 1.6.98	AD68.05-P-6000-01D
		Model 163 as of 1.6.98	**AD68.05-P-6000-01E**
		Models 215, 220	AD68.05-P-6000-01F

VOLTAGE SUPPLY, TESTING ELECTRICAL SYSTEM OF GARAGE DOOR OPENER - AD68.05-P-6000-01E

Model 163 as of 1.6.98

	Scope of test	Measuring instrument/ Test connection	Operation/Requirement	Specified value	• Possible cause/Remedy
1.0	Garage door opener transmitter (A26/10) Voltage supply **Model 163 as of 1.6.98**	A —< A26/10 (V) >— B	Ignition: OFF Disconnect garage door opener transmitter (A26/10) plug connection. Ignition: ON	11-14 V	• Specified value not in order: - Fuse 10 (F1f10) - Cables • Specified value in order: Replace garage door opener transmitter (A26/10)

Fig. 8: Voltage Supply, Testing Electrical System Of Garage Door Opener

COMPATIBILITY CHECK OF ELECTRICAL SYSTEM FOR GARAGE DOOR OPENER - AD68.05-P-6000-02A

Models 129, 170, 202, 208, 210 as of 1.6.98,163 as of 1.9.01,215, 220, 230 with CODE (231a) Garage door opener

	Test of	Tester/test connection	Operation/ Requirement	Specified value	• Possible cause/ Remedy
1.0	**Compatibility** Garage door opener - garage door drives	Compatibility tester	Using the hand transmitter, program the compatibility tester, then activate the garage door drive with the compatibility tester. Compatibility check for garage door opener. **AD68.05-P-2000-02A**	Garage door is opened or closed.	• Garage door drive is not compatible with garage door opener. In this case, a universal receiver (Fix Kit Receiver) can be installed. Notes and list of compatible garage door drives for garage door opener under **AH68.05-P-0001-01A**

GARAGE DOOR OPENER - CHECK OF ELECTRICAL SYSTEM - AD68.05-P-6000A

MODELS 129, 163, 170, 202, 208, 210 as of 1.6.98,215, 220 with CODE (231a) Garage door opener

	Garage door opener diagnosis, previous knowledge		**AD68.05-P-2000A**
	• Fuses in order. • Battery voltage 11-14 V		
	Checking		
1	Compatibility check of electrical system for garage door opener	Models 129, 170, 202, 208, 210 as of 1.6.98, 163 as of 1.9.01, 215, 220 with CODE (231a) garage door opener	**AD68.05-P-6000-02A**
2	Voltage supply for test of electrical system for garage door opener	Model 208 as of 1.6.98, except CODE (249a) Automatic dimming inside rearview mirror	AD68.05-P-6000-01A
3	Voltage supply for test of electrical system for garage door opener	Model 129 as of 1.6.98	AD68.05-P-6000-01B
4	Voltage supply for test of electrical system for garage door opener	Models 202, 210 as of 1.6.98, except CODE (249a) Automatic dimming inside rearview mirror	AD68.05-P-6000-01C
5	Voltage supply for test of electrical system for garage door opener	Model 170 as of 1.6.98	AD68.05-P-6000-01D
6	Voltage supply for test of electrical system for garage door opener	Model 163 as of 1.6.98	**AD68.05-P-6000-01E**
7	Voltage supply for test of electrical system for garage door opener	Models 215, 220	AD68.05-P-6000-01F
8	Voltage supply for test of electrical system for garage door opener	Models 202, 208, 210 as of 1.6.98, with CODE (249a) Automatic dimming inside rearview mirror	AD68.05-P-6000-01G

TESTING & REPAIR

TESTING AND REPAIR WORK: PASSENGER CARS: INTERIOR EQUIPMENT - AR68.00-Z-9163AA

MODEL 163

	Removing and installing instrument panel	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	**AR68.10-P-1000GH**
	Remove/install center section of instrument panel	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	**AR68.10-P-1030GH**
	Remove/install bottom section of instrument panel	MODELS 163.113 /128 /136 /154 /157 /172 /174 /175	**AR68.10-P-1040GH**
	Removing and installing side air nozzle	MODELS 163.113 /128 /136 /154 /157 /172 /174 /175	**AR68.10-P-1100GH**
	Remove/install instrument panel carrier	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	**AR68.10-P-1111GH**
	Removing and installing center		**AR68.10-P-**

air nozzle	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	**1150GH**
Removing and installing glove compartment lid	MODEL 163.136 /154 /172 up to 31.8.99	**AR68.10-P-1200GH**
Disassembling and assembling glove compartment lid	MODEL 163.136 /154 /172 up to 31.8.99	**AR68.10-P-1220GH**
Adjust glove compartment lid	MODEL 163.136 /154 /172 #A up to 145272	**AR68.10-P-1300GH**
Remove/install glove compartment	MODEL 163.136 /154 /172 #A up to 145272	**AR68.10-P-1400GH**
Remove/install glove compartment	MODEL 163...	**AR68.10-P-1400GI**
Removing and installing cover below instrument panel (left)	MODELS 163.113 /128 /136 /154 /157 /172 /174 /175	**AR68.10-P-1500GH**
Remove/install cover below instrument panel (right)	MODEL 163.136 /154 /172 #A up to 145272, 163.136 /154 /172 #X up to 708318	**AR68.10-P-1520GH**
Remove/install cover below instrument panel (right)	MODEL 163...	**AR68.10-P-1520GI**
Remove/install stowage compartment or beverage holder	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175 driver's side	**AR68.10-P-1600GH**
Remove/install stowage compartment or beverage holder	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175 passenger side	**AR68.10-P-1600GI**
Remove/install center console	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	**AR68.20-P-2000GH**
Removing and installing rear section of center console	MODEL 163.113 /136 /154 /172 /174 as of 1.9.99 up to 31.8.01	**AR68.20-P-2020GH**
Remove/install rear center console	MODEL 163.113 /154 /174 #A as of 289565, 163.113 #X as of 754620, 163.128 /157 /175	**AR68.20-P-2020GI**
Remove/install floor covering	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	**AR68.20-P-2040GH**
Disassembling and assembling center console	MODEL 163.113 /136 /154 /172 /174 up to 31.8.01	**AR68.20-P-2150GH**
Disassemble/assemble center console	MODEL 163.113 /154 /174 #A as of 289565, 163.113 #X as of 754620, 163.128 /157 /175	**AR68.20-P-2150GI**
Remove/install rear center console switch module	MODEL 163.113 /154 /174 #A as of 289565, 163.113 #X as of 754620, 163.128 /157 /175	**AR68.20-P-2210GH**
Remove/install rear beverage holder	MODEL 163...	**AR68.20-P-2220GH**
Remove/install rear beverage holder	MODEL 163.113 /154 /174 #A as of 289565, 163.113 #X as of 754620, 163.128 /157 /175	**AR68.20-P-2220GI**
Remove/install rear ashtray	MODEL 163.113 /154 /174 #A as of 289565, 163.113 #X as of 754620, 163.128 /157 /175	**AR68.20-P-2230GH**
Removing and installing cover at gearshift lever	MODEL 163.113 /136 /154 /172 /174 up to 31.8.01	**AR68.20-P-2310GH**
Remove/install cover on gearshift	MODEL 163.113 /154 /174 #A as of 289565, 163.113	**AR68.20-P-**

lever	#X as of 754620, 163.128 /157 /175	2310GI
Remove/install armrest lid on center console	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	AR68.20-P-2370GH
Removing and installing ashtray housing from front center console	MODEL 163.113 /136 /154 /172 /174 up to 31.8.01	AR68.20-P-2400GH
Remove/install ashtray housing in front center console	MODEL 163.113 /154 /174 #A as of 289565, 163.113 #X as of 754620, 163.128 /157 /175	AR68.20-P-2400GI
Removing and installing luggage compartment floor covering	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	AR68.20-P-4810GH
Remove/install paneling in footwell	MODELS 163.113 /128 /136 /154 /157 /172 /174 /175	AR68.30-P-4010GH
Removing and installing paneling on A-pillar	MODELS 163.113 /128 /136 /154 /157 /172 /174 /175	AR68.30-P-4050GH
Remove/install door sill molding	MODELS 163.113 /128 /136 /154 /157 /172 /174 /175	AR68.30-P-4100GH
Remove/install door sill molding	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175 Door sill molding in cargo space	AR68.30-P-4100GI
Remove and install headliner	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	AR68.30-P-4300GH
Remove/install rear roof frame paneling	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	AR68.30-P-4470GH
Remove/install paneling on C-pillar	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	AR68.30-P-4490GH
Removing and installing spare wheel cover	MODEL 163.174	AR68.30-P-4610GH
Remove/install paneling on B-pillar	MODEL 163.113 /128 /136 /154 /157 /172 /174 /175	AR68.30-P-4700GH
Removing and installing inside rearview mirror	MODEL 163.136 /154 /172 #A up to 145272, 163.136 /154 /172 #X up to 708318	AR68.40-P-0001GH
Remove/install inside rearview mirror	MODEL 163...	AR68.40-P-0001GI
Removing and installing sun visor	MODEL 163	AR68.60-P-5480GH

REMOVING AND INSTALLING INSTRUMENT PANEL - AR68.10-P-1000GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

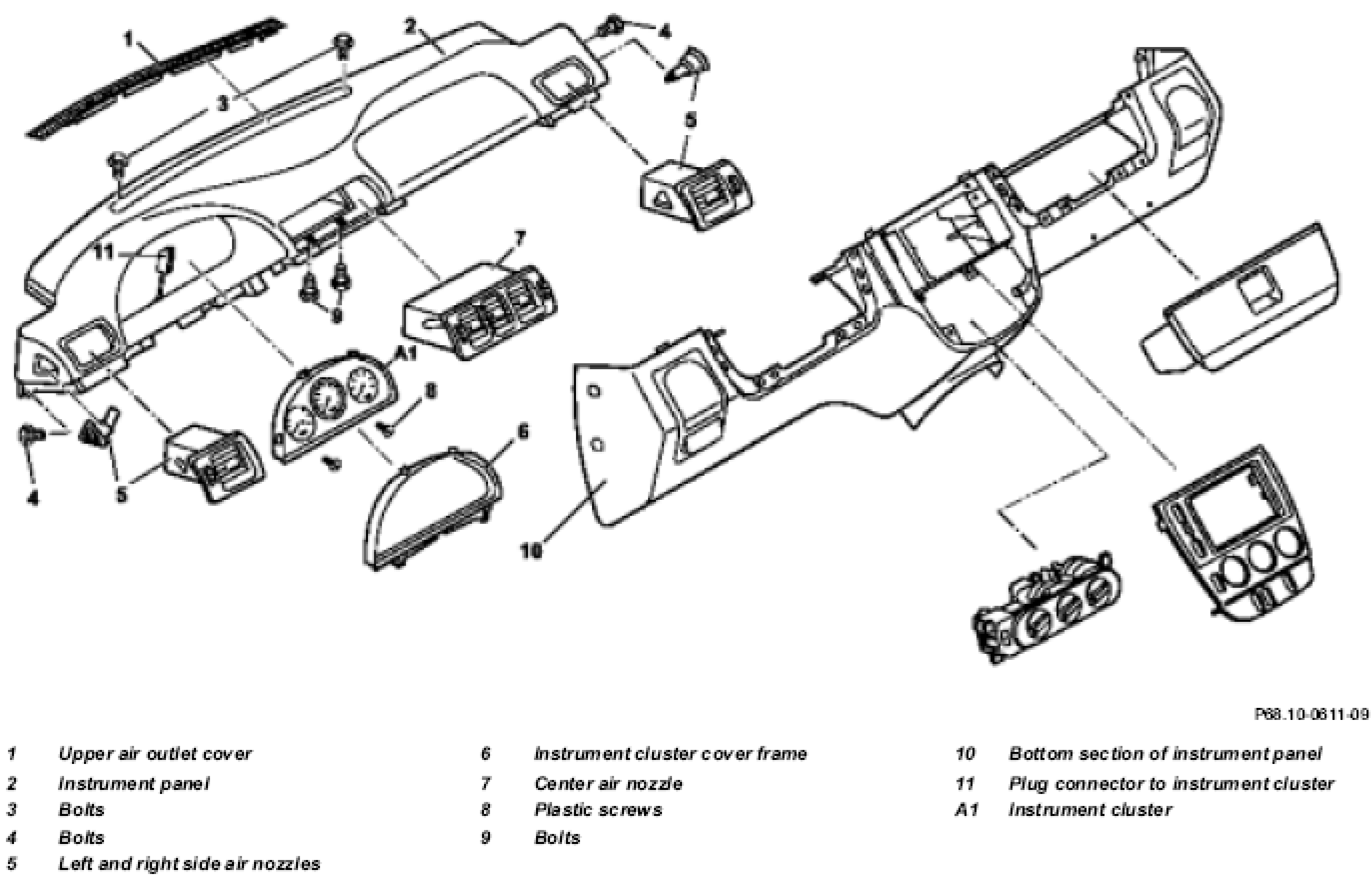


Fig. 9: Identifying Instrument Panel Components

Danger!	**Remove/install**		
1	Remove instrument panel bottom section (10)		**AR68.10-P-1040GH**
2	Remove A-pillar trim on left and right		**AR68.30-P-4050GH**
3	Remove upper section of air outlet panel (1)	Long wedge	**Fig. 6**
4	Unscrew screws (3) from upper side of instrument panel		
5	Remove instrument cluster (A1 remove		**AR54.30-P-6015GH**
6.1	Disconnect sun sensor connector	Only as of 01.09.01: Connector is located behind instrument cluster	
7.1	Remove Parktronic display	Only with Parktronic system (PTS), Code 220a.	**AR54.65-P-0003GH**
8.1	Disconnect connector from actuator	Only as of 01.09.01: Connector is located at center air outlet nozzle on	

	motor for air distribution flap	driver's side.	
9.1	Disconnect connector from temperature sensor	Only as of 01.09.01: Connector is located on right side of center air outlet nozzle.	
10	Remove screws (9) from center of instrument panel		
11	Remove screws (4) from sides of instrument panel		
12	Remove instrument panel (2)	USA Danger of damaging instrument panel when removing and installing	
13	Install in the reverse order		

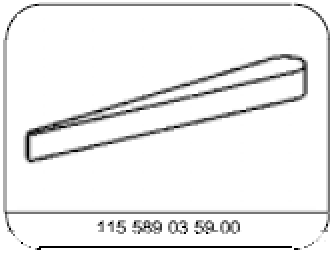


Fig. 10: Identifying Long Wedge (115 589 03 59 00)

REMOVE/INSTALL CENTER SECTION OF INSTRUMENT PANEL - AR68.10-P-1030GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

Illustrated on Model 163 up to VIN

A289564, X754619

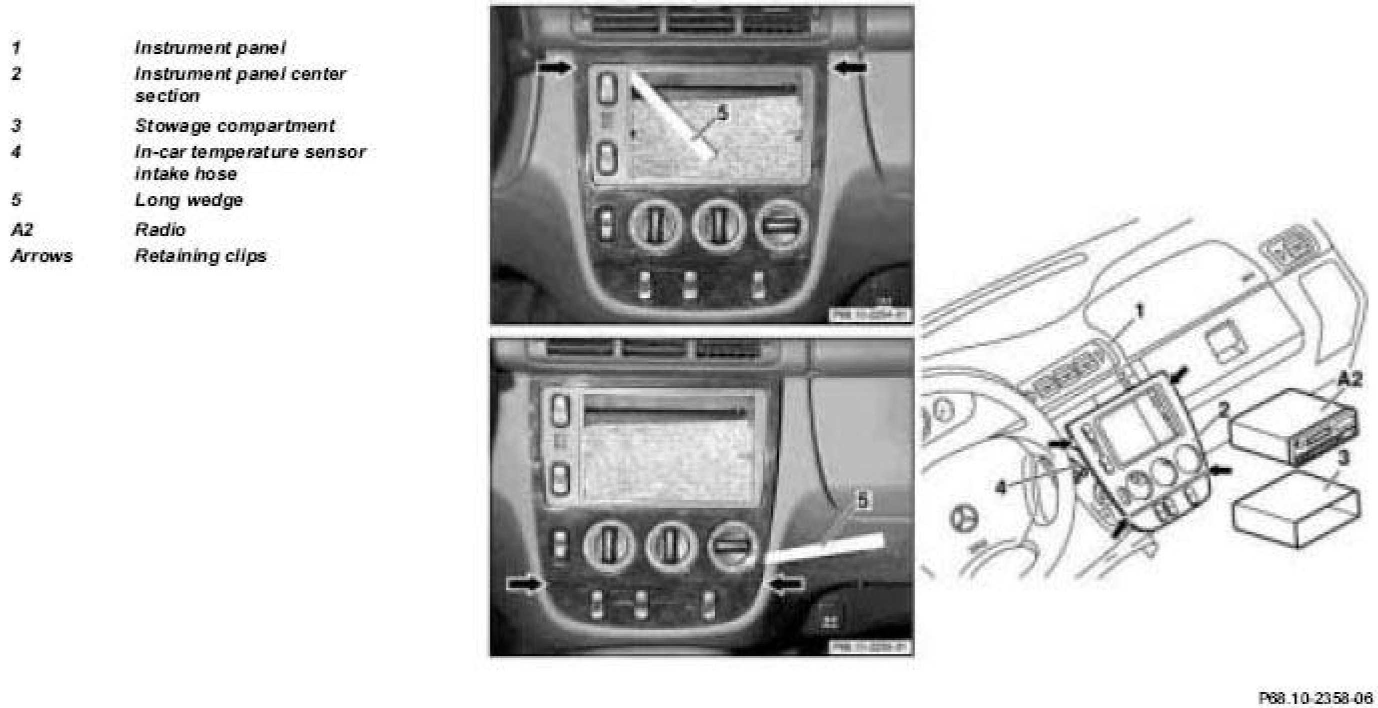


Fig. 11: Identifying Instrument Panel Center Section Components

Danger!	**Remove/install**		
1	Remove radio (A2)		**AR82.60-P-7502EA**
2.1	Remove stowage compartment (3)	Only if present	
3	Pry off top retaining clips (arrows) at center section of instrument panel (2) out of instrument panel (1)	Risk of cracks and fracture! Put long wedge (5) behind center section of instrument panel (2) on the top edges of the opening and carefully pry off top retaining clips (arrows). Long wedge	**Fig. 6**
4	Insert long wedge (5) into gap between instrument panel center section (2) and instrument panel (1) and pull down to rotary switches	Long wedge	**Fig. 6**
5	Carefully pry off bottom retaining clips (arrows) at center section of instrument panel (2) out of instrument panel (1)	Risk of cracks and fracture! Long wedge	**Fig. 6**
6.1	Pull off interior temperature sensor intake hose (4)	Up to VIN A289564, X754619.	
7	Unplug all connectors from center section		

	of instrument panel (2).		
8.1	Separate connectors from AAC push-button control module	◁◗ As of VIN A289565, X754620.	
9	Remove instrument panel center section (2)		
10	Install in the reverse order		

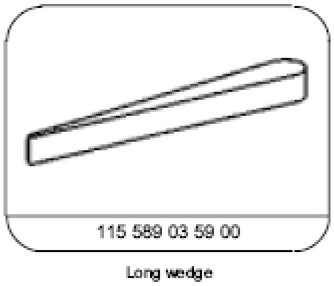
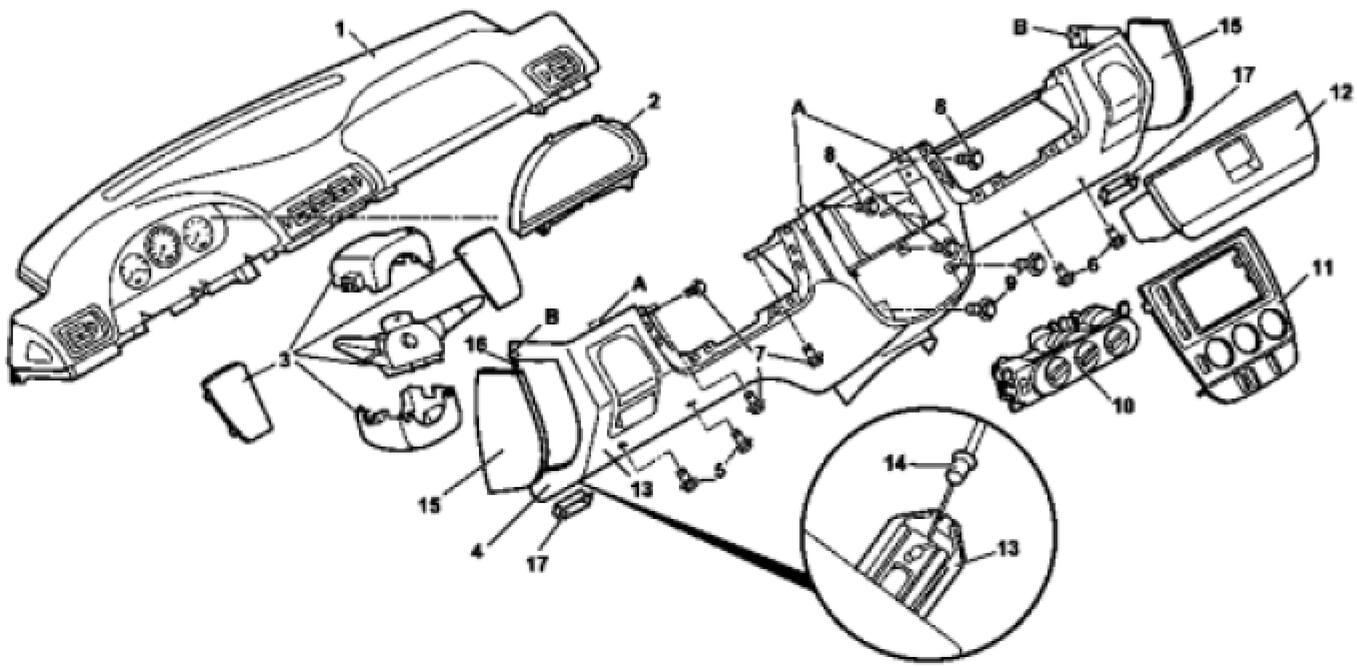


Fig. 12: Identifying Long Wedge (115 589 03 59 00)

REMOVE/INSTALL BOTTOM SECTION OF INSTRUMENT PANEL - AR68.10-P-1040GH

MODELS 163.113 /128 /136 /154 /157 /172 /174 /175



P68.10-2226-09

1 Instrument panel
2 Instrument cluster cover frame
3 Combination switch with paneling
4 Bottom section of instrument panel
5 Screws in left footwell
6 Screws in right footwell
7 Bolts
8 Bolts
9 Bolts
10 Heater/ventilation switch
11 Instrument panel center section
12 Glove compartment
13 Parking brake release handle
14 Parking brake control cable
15 Paneling
16 Bolt
17 Entrance lamps
A Spreading clips
B Guide tongues

Fig. 13: Identifying Instrument Panel Bottom Section Components

Danger!	**Remove/install**		
1	Shift transmission selection lever to position "1"	USA Secure vehicle to prevent it moving away.	
2	Disconnect ground cable of battery		**AR54.10-P-0003A**
3	Remove combination switch with paneling (3)		**AR54.25-P-2800GH**
4	Remove cover frame of instrument cluster (2)		
5	Unscrew the screws (7).	3 screws up to 08/99. 1 screw as of 09/99.	
6	Unscrew screws in left footwell (5) on the lower part of the instrument panel (4)		
7	Remove center section of instrument panel (11)		**AR68.10-P-1030GH**
	Remove switch unit for heater /		**AR83.20-P-**

8	ventilation (10)	Up to 31.08.01. As of 01.09.01	**1835GH** **AR83.40-P-6500GH**
9	Unscrew screws (8, 9)		
10	Remover glove compartment (12)	Up to 31.08.99. As of 01.09.99.	**AR68.10-P-1400GH** **AR68.10-P-1400GI**
11	Unscrew screws in the right footwell (6) on the lower part of the instrument panel (4)		
12.1	Unclip entrance lamps (17) and disconnect electrical connectors	As of 09/99.	
13.1	Remove paneling (15) and unscrew screws (16)	As of 09/99.	
14	Unclip lower part of instrument panel (4) at the four expanding clips (A) on the instrument panel (1)	Installation: Ensure that guide lugs (B) are properly seated in the mounts on the instrument panel.	
15	Unhook the Bowden cable of the parking brake (14) at the release handle of the parking brake (13)		
16	Remove bottom section of instrument panel (4)	USA Do not damage instrument panel when removing and installing.	
17	Install in the reverse order		
18	Read diagnostic trouble code memory and erase		

REMOVING AND INSTALLING SIDE AIR NOZZLE - AR68.10-P-1100GH

MODELS 163.113 /128 /136 /154 /157 /172 /174 /175

1 *Side window nozzle*
2 *Air intake pipe*
3 *Side air nozzle*
Arrows *Catch*



P68.10-0512-01 P68.10-0513-01

Fig. 14: Identifying Side Air Nozzle Components

Danger!	**Remove/install**		
1	Pry out side widow nozzle (1)		
2	Remove side window nozzle (1) and intake pipe (2)	Remove intake pipe (2) from side air nozzle (3). Long wedge	**Fig. 6**
3	Pry side air nozzle (3) downwards out of the catch (arrows)	Long wedge	**Fig. 6**
4	Pry side air nozzle (3) upwards out of the catch (arrows)	Long wedge	**Fig. 6**
5	Pull side air nozzle (3) out of the air duct		
6	Install in the reverse order		

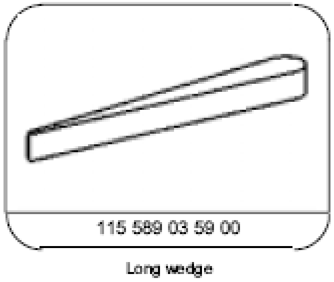
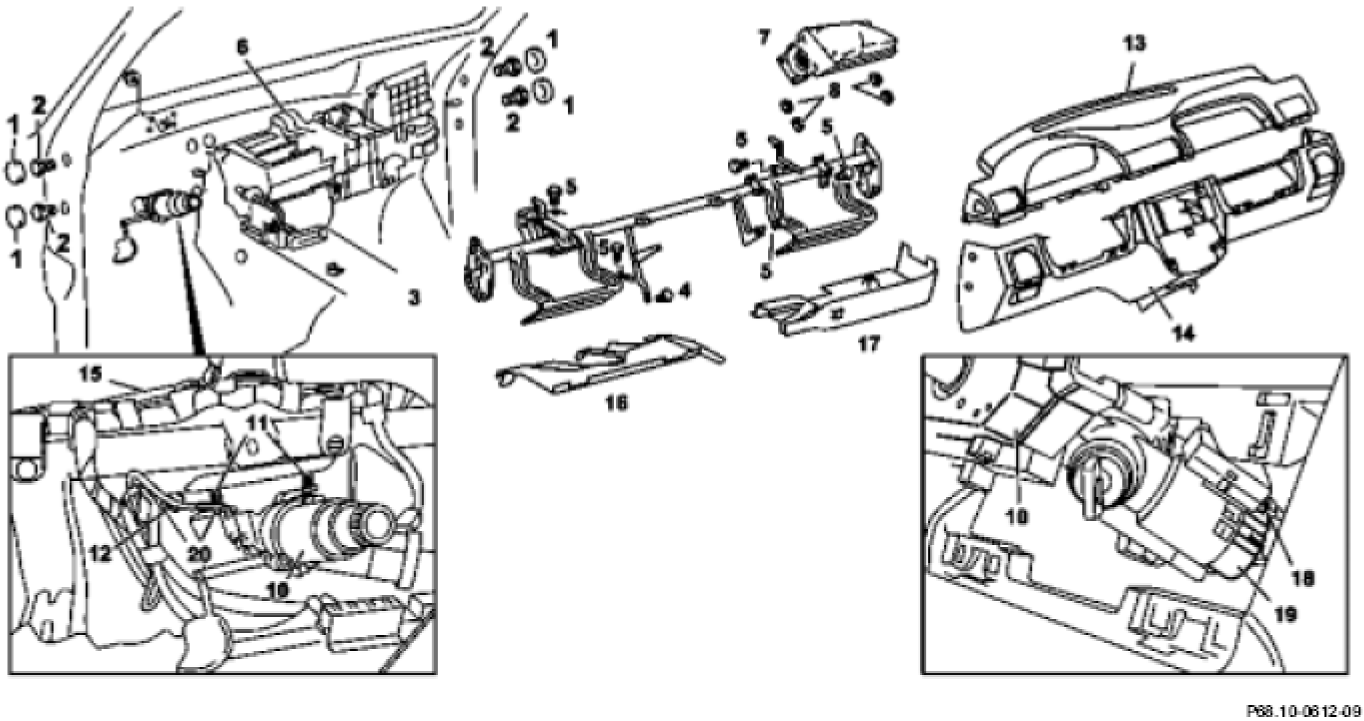


Fig. 15: Identifying Long Wedge (115 589 03 59 00)

REMOVE/INSTALL INSTRUMENT PANEL CARRIER - AR68.10-P-1111GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175



1 Caps on A-pillar
2 Bolts
3 Instrument panel
4 Bolt
5 Bolts
6 Heater housing
7 Front passenger airbag unit
8 Nuts, self-locking
10 Steering column
11 Bolts
12 Nuts
13 Instrument panel
14 Bottom section of instrument panel
15 Wiring harness
16 Cover below instrument panel on left
17 Cover below instrument panel on right
18 Connector on MB immobilizer switch
19 Connector at steering/ignition lock
20 Steering column adjustment switch connector

Fig. 16: Identifying Instrument Panel Carrier Components

Danger!	**Remove/install**		
1	Remove instrument panel (13) and the lower part of instrument panel (14)		**AR68.10-P-1000GH**
2	Remove passenger airbag (7)		**AR91.60-P-0680GH**
3	Remove cover below instrument panel on right (17)	Up to chassis number A145272, X708318. As of chassis number A145273, X708319.	**AR68.10-P-1520GH** **AR68.10-P-1520GI**
4	Unscrew screws (5) from instrument panel carrier (3) on heater housing (6)		
5	Remove cover below instrument panel on left (16)		**AR68.10-P-1500GH**
6	Remove insulating mat between steering column (10) and carrier for instrument		

	panel (3)		
7	Unscrew screws (11) for steering column (10) from instrument panel carrier (3)	Nm	***BA46.10-P-1006-03C**
8	Remove nuts (12) for steering column (10) from instrument panel carrier (3)	Nm	***BA46.10-P-1007-03C**
9	Unscrew screws (4) for instrument panel carrier (3) from middle tunnel		
10	Disconnect connector from steering column height adjustment switch (20)		
11	Disconnect connector from MB immobilizer switching unit (18)		
12	Disconnect connector from steering/ignition switch (19)		
13	Disconnect wiring harness (15) from instrument panel carrier	USA **Installation:** Ensure that wiring harness is routed correctly on instrument panel carrier.	
14	Remove wiper system		**AR82.30-P-6400GH**
15	Unscrew nuts for instrument panel carrier (3) on firewall	USA **Installation:** Install new self-locking nuts.	
16	Remove caps on A-pillar (1)		
17	Unscrew screws (2) for instrument panel carrier (3) from A-pillar		
18	Remove instrument panel carrier (3) and take out of passenger compartment to side through passenger door	USA Be careful not to damage center console when removing and installing.	
19	Install in the reverse order		

Nm **Jacket tube**

Number	**Designation**		**MODEL Series 163**
BA46.10-P-1006-03C	Screw for jacket tube on upper instrument panel carrier	Nm	20
BA46.10-P-1007-03C	Jacket tube collar nut on instrument panel carrier at bottom	Nm	18

REMOVING AND INSTALLING CENTER AIR NOZZLE - AR68.10-P-1150GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

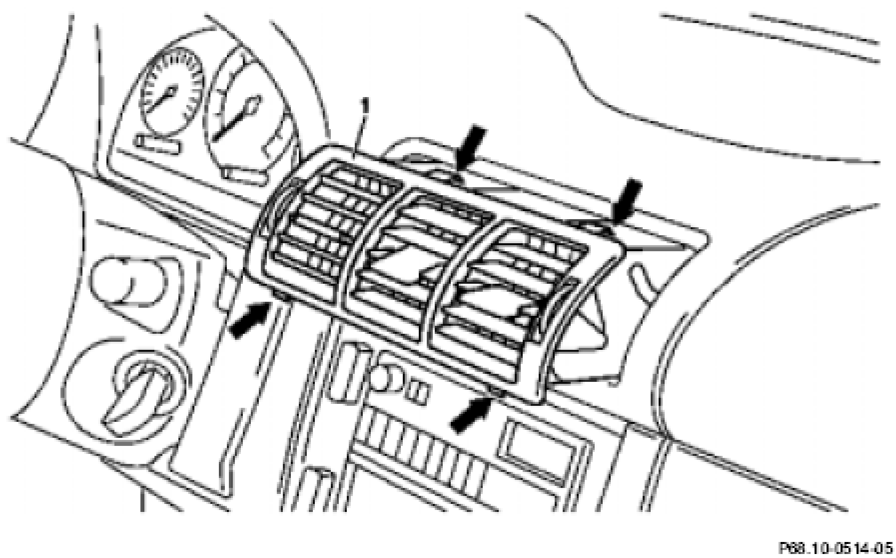


Fig. 17: Identifying Center Air Nozzle

Danger!	Remove/install		
1	Pry center air nozzle (1) at bottom out of catch (arrows)	**Installation:** air nozzle should catch audibly. Long wedge	Fig. 6
2	Pry center air nozzle (1) at top out of catch (arrows)	**Installation:** air nozzle should catch audibly. Long wedge	Fig. 6
3	Pull center air nozzle (1) out of air duct		
4	Install in the reverse order		

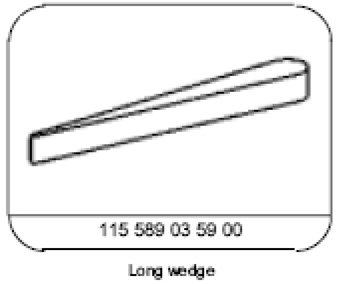


Fig. 18: Identifying Long Wedge (115 589 03 59 00)

REMOVING AND INSTALLING GLOVE COMPARTMENT LID - AR68.10-P-1200GH

MODEL 163.136 /154 /172 up to 31.8.99

1 *Stop lever*
2 *Screw*
3 *Glove compartment lid*

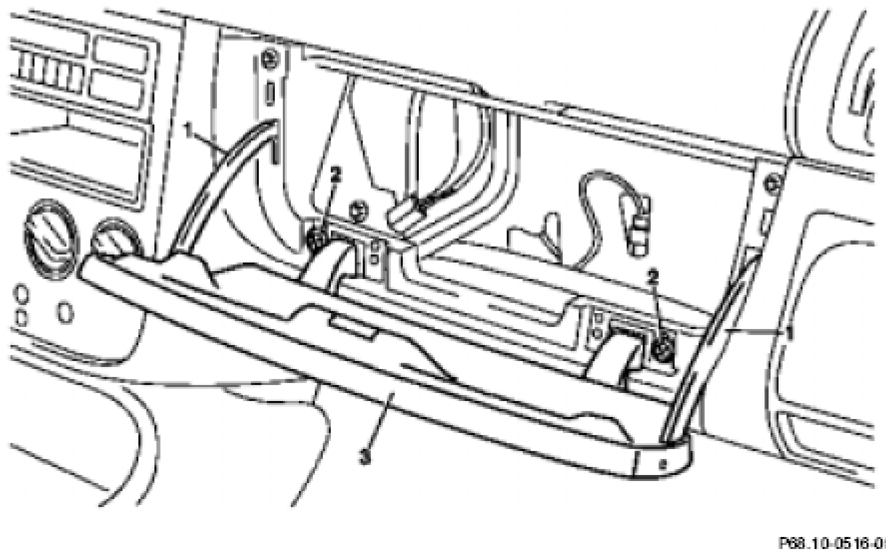


Fig. 19: Identifying Glove Compartment Lid, Screw & Stop Lever

Danger!	**Removal, installation**		
1	Remove glove compartment	**Installation:** Adjust glove compartment lid and check for proper function	**AR68.10-P-1400GH**
2	Unhook stop lever (1) on left and right on instrument panel	Slightly lift glove compartment lid (3) and unhook stop lever (1).	
3	Unscrew screws (2) on hinge		
4	Remove glove compartment lid (3)		
5	Reinstall in opposite order		

DISASSEMBLING AND ASSEMBLING GLOVE COMPARTMENT LID - AR68.10-P-1220GH

MODEL 163.136 /154 /172 up to 31.8.99

1 Stop lever
2 Inner section
3 Screw for catch
4 Glove compartment catch
5 Screw for inner section
6 Insert
7 Glove compartment lid
8 Hinge
9 Spring for catch
10 Pin for catch

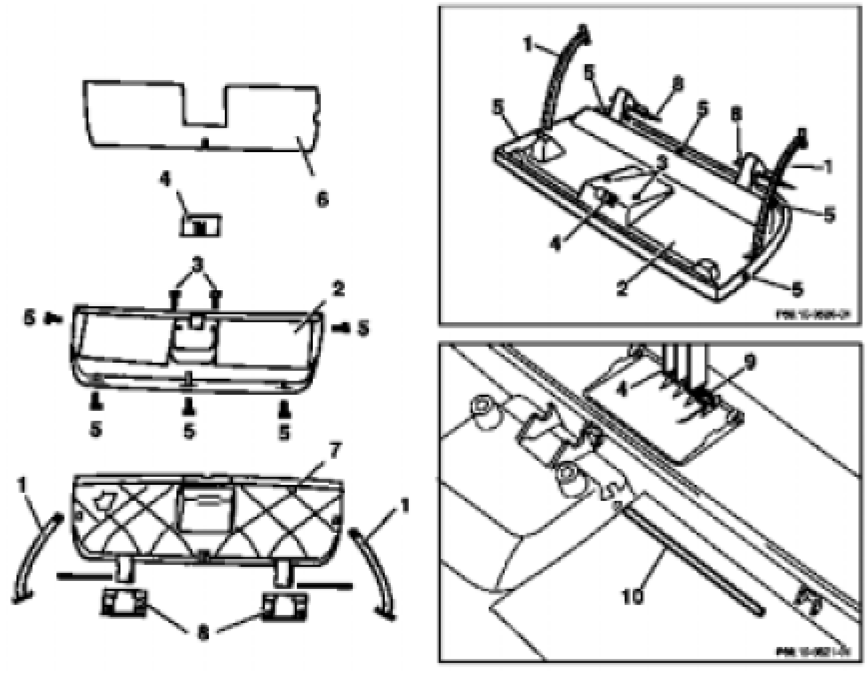


Fig. 20: Identifying Glove Compartment Lid Components

GF PE	**Disassembly, assembly**		
1	Remove glove compartment lid		**AR68.10-P-1200GH**
2	Unclip stop lever (1) from inner section (2)		
3	Remove hinges (8) on inner section (2)	Remove hinge pins	
4	Unscrew screws (3) from lock (4)		
5	Unscrew screws (5) from glove compartment inner section (2)	5 each.	
6	Remove inner section (2)		
7	Remove insert (6) from inner section (2)		
8	Unhook glove compartment catch (4) and spring (9)		
9	Remove glove compartment catch (4) from glove compartment lid (7)	Drive out pin (10). **Installation:** Observe installation position for spring (9).	
10	Install in opposite order		

ADJUST GLOVE COMPARTMENT LID - AR68.10-P-1300GH

MODEL 163.136 /154 /172 #A up to 145272

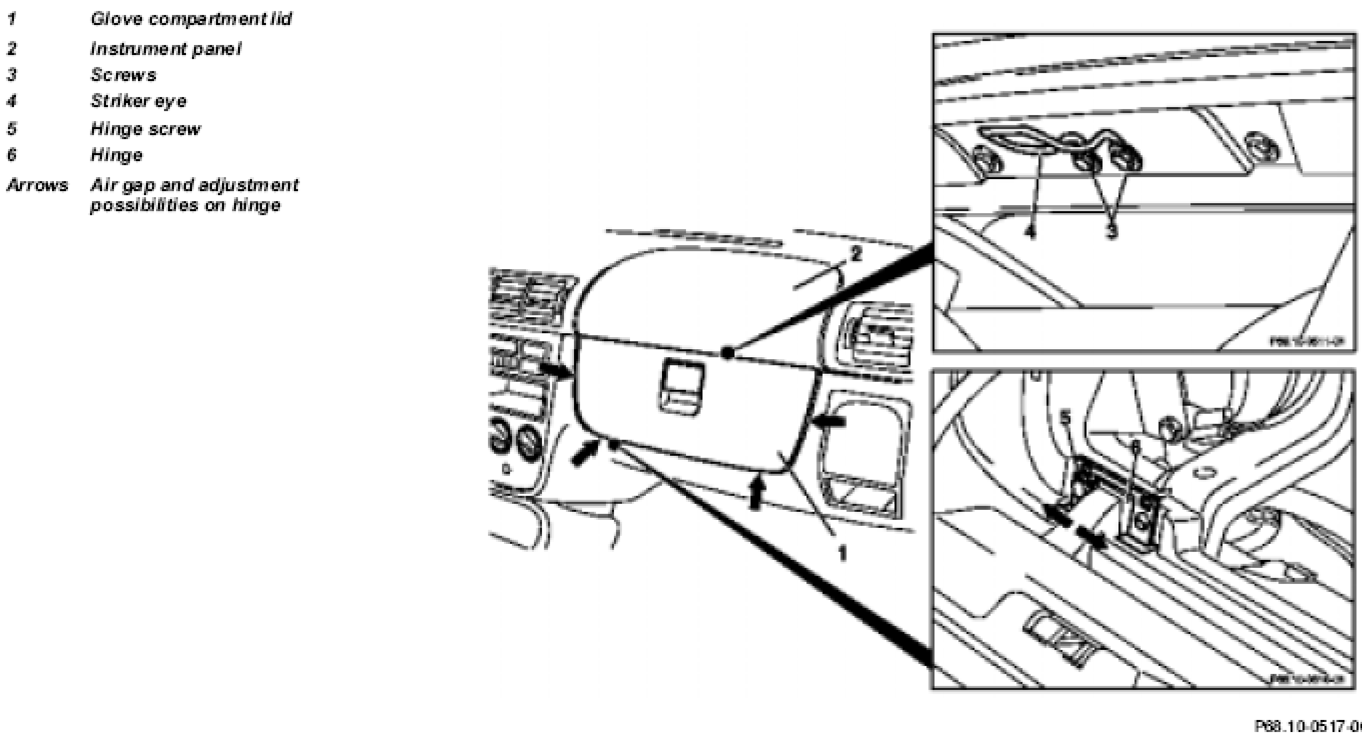


Fig. 21: Identifying Glove Compartment Lid Adjustments

	Adjusting		
◁	During entire operation pay attention to uniform transition, gap and adjustment possibilities on hinge (arrows) between glove compartment lid (1) and instrument panel (2).		
1	Loosen screws (3) on striker eye (4)	◁ **Installation:** Adjust transition at top of striker eye (4). Glove compartment lid (1) should make slight contact to stop buffers.	
2	Remove glove compartment		**AR68.10-P-1400GH**
3	Adjust gap	◁ For this purpose loosen hinge screw (5) from hinge (6).	
4	Install glove compartment		**AR68.10-P-1400GH**
5	Check for easy motion and proper function		

REMOVE/INSTALL GLOVE COMPARTMENT - AR68.10-P-1400GH

MODEL 163.136 /154 /172 #A up to 145272

1	Striker eye
2-7	Screws
8-9	Stop buffer
10	Glove compartment
E13/1	Glove compartment lamp

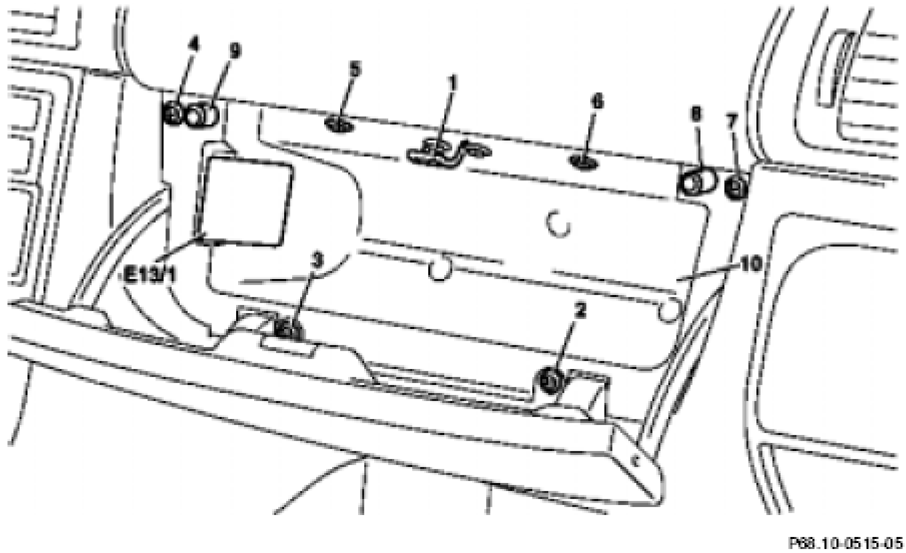


Fig. 22: Identifying Glove Compartment Screws, Lamp, Stop Buffer & Striker Eye

Danger!	**Remove/Install**		
1	Open glove compartment lid		
2	Unclip glove compartment lamp (E13/1) and disconnect connector		
3	Remove striker eye (1)	**Installation:** Check adjustment. Refer to: ? Adjust glove compartment lid.	**AR68.10-P-1300GH**
4	Unscrew screws (2-7)		
5	Pry glove compartment (10) out of arrest at bottom and pull out		
6	Install in the reverse order		

REMOVE/INSTALL GLOVE COMPARTMENT - AR68.10-P-1400GI

MODEL 163.136 /154 /172 #A as of 145273,163.136 /154 /172 #X as of 708319,163.113 /128 /157 /174 /175

1	Glove compartment lid
2	Screws
3	Glove compartment
4	Instrument panel
5	Spreading rivets
E13/1	Glove compartment lamp

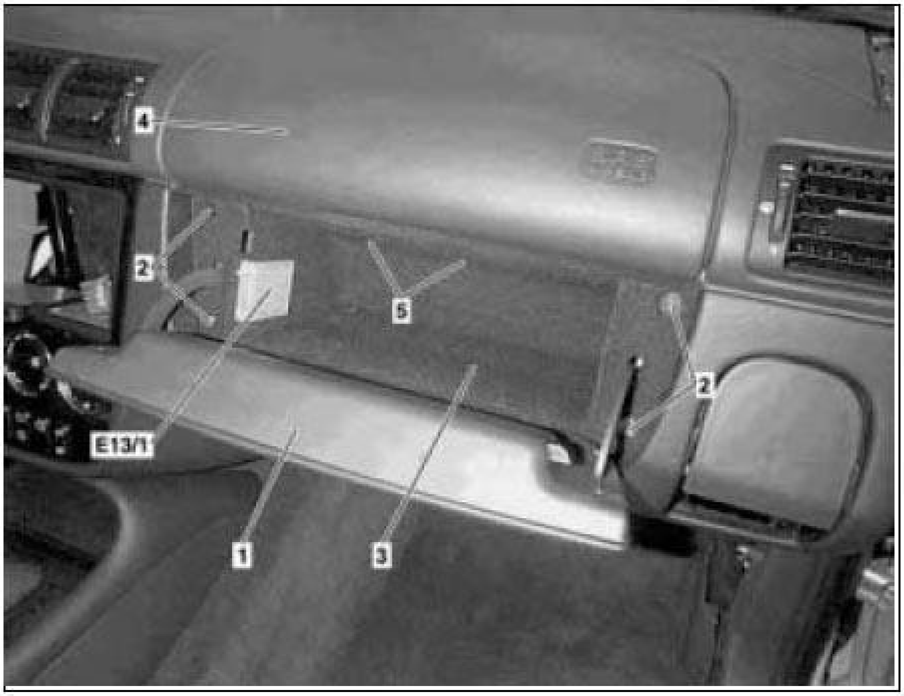
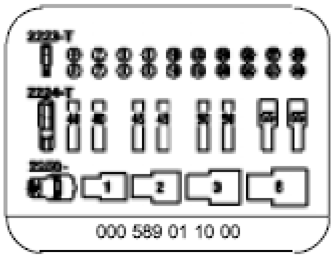


Fig. 23: Identifying Glove Compartment Lid, Screws, Spreading Rivets & Lamp

Danger!	**Remove/Install**		
1	Open glove compartment lid (1)		
2	Unclip glove compartment lamp (E13/1) and disconnect connector		
3	Unscrew bolt (2)	Torx bit set	**Fig. 24**
4	Remove upper spreading rivets (5) from glove compartment (3)	Press pressure pin approx. 4 mm upward and remove spreading rivet downward.	
5	Pull glove compartment (3) out of instrument panel (4)		
6	Install in the reverse order	Align upper edge of glove compartment lid (1) in relation to instrument panel (4).	



Torx bit set

Fig. 24: Identifying Torx Bit Set (000 589 01 10 00)

REMOVING AND INSTALLING COVER BELOW INSTRUMENT PANEL (LEFT) - AR68.10-P-1500GH

MODELS 163.113 /128 /136 /154 /157 /172 /174 /175

1	Plugs
2	Bolt
3	Clips
4	Cover
X11/4	Datalink connector

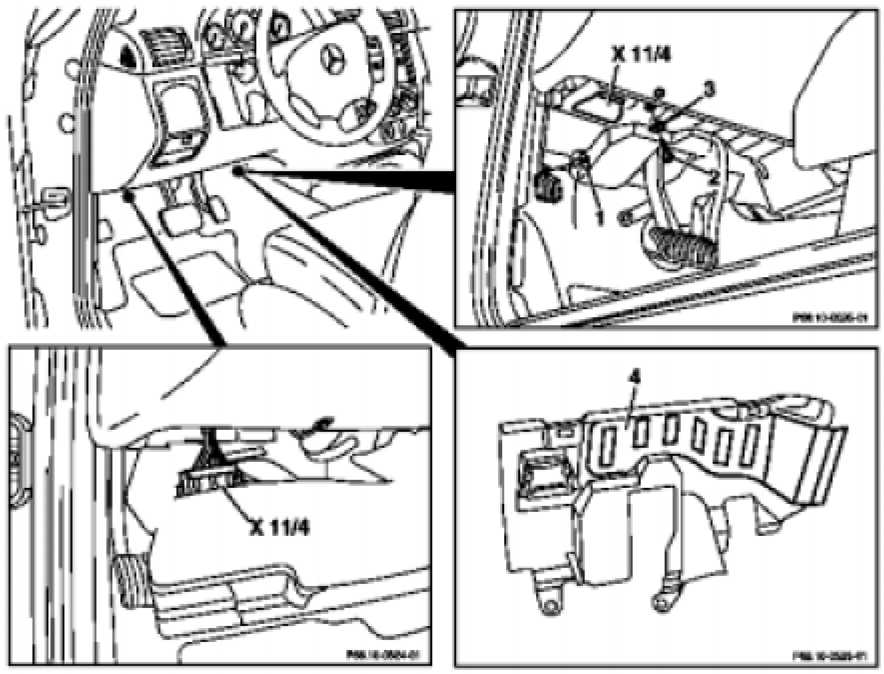


Fig. 25: Identifying Cover Below Instrument Panel (Left)

Danger!	**Remove/install**	
1	Remove plug (1)	2 each.
2	Unscrew screw (2)	2 each. **Installation:** Observe clips (3).
3	Unlock and remove data link connector (X11/4)	
4	Take off cover (4)	
5	Install in the reverse order	

REMOVE/INSTALL COVER BELOW INSTRUMENT PANEL (RIGHT) - AR68.10-P-1520GH

MODEL 163.136 /154 /172 #A up to 145272,163.136 /154 /172 #X up to 708318

1	*Cover*
2	*Plug-in clips*
3	*Catch*
X58/1	*Interior socket*

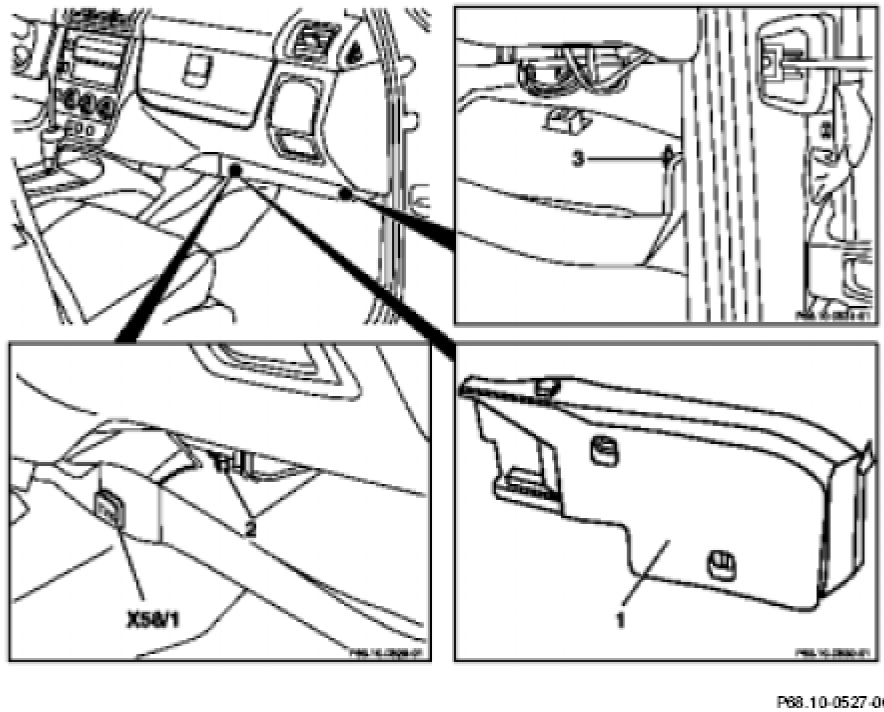


Fig. 26: Identifying Cover Below Instrument Panel (Right)

Danger!	**Remove/Install**	
1	Unhook catch (3) on blower motor	**Risk of breakage!**
2	Unclip cover (1)	Cover is fastened with 2 clips (2).
3	Disconnect electrical connector from interior socket (X58/1)	
4	Install in the reverse order	

REMOVE/INSTALL COVER BELOW INSTRUMENT PANEL (RIGHT) - AR68.10-P-1520GI

MODEL 163.136 /154 /172 #A as of 145273,163.136 /154 /172 #X as of 708319,163.113 /128 /157 /174 /175

1	Torx bolts
2	Cover
3	Locking lever
X58/1	I nterior socket

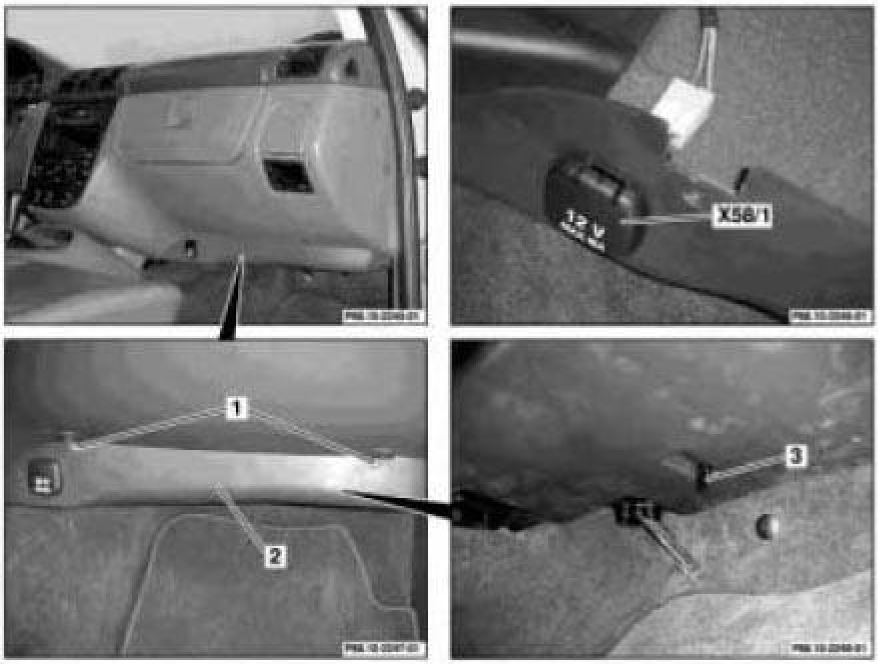


Fig. 27: Identifying Cover Below Instrument Panel (Right)

Danger!	Remove/Install		
1	Unscrew Torx screws (1) form cover (2)		
2	Fold locking lever (3) downward		
3	Pull cover (2) downward and lay down		
4	Disconnect electrical connector from interior socket (X58/1)		
5	Install in the reverse order		

REMOVE/INSTALL STOWAGE COMPARTMENT OR BEVERAGE HOLDER - AR68.10-P-1600GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175 driver's side

Instrument panel is illustrated disassembled for clarity.

Vehicles up to VIN A145272, X708318

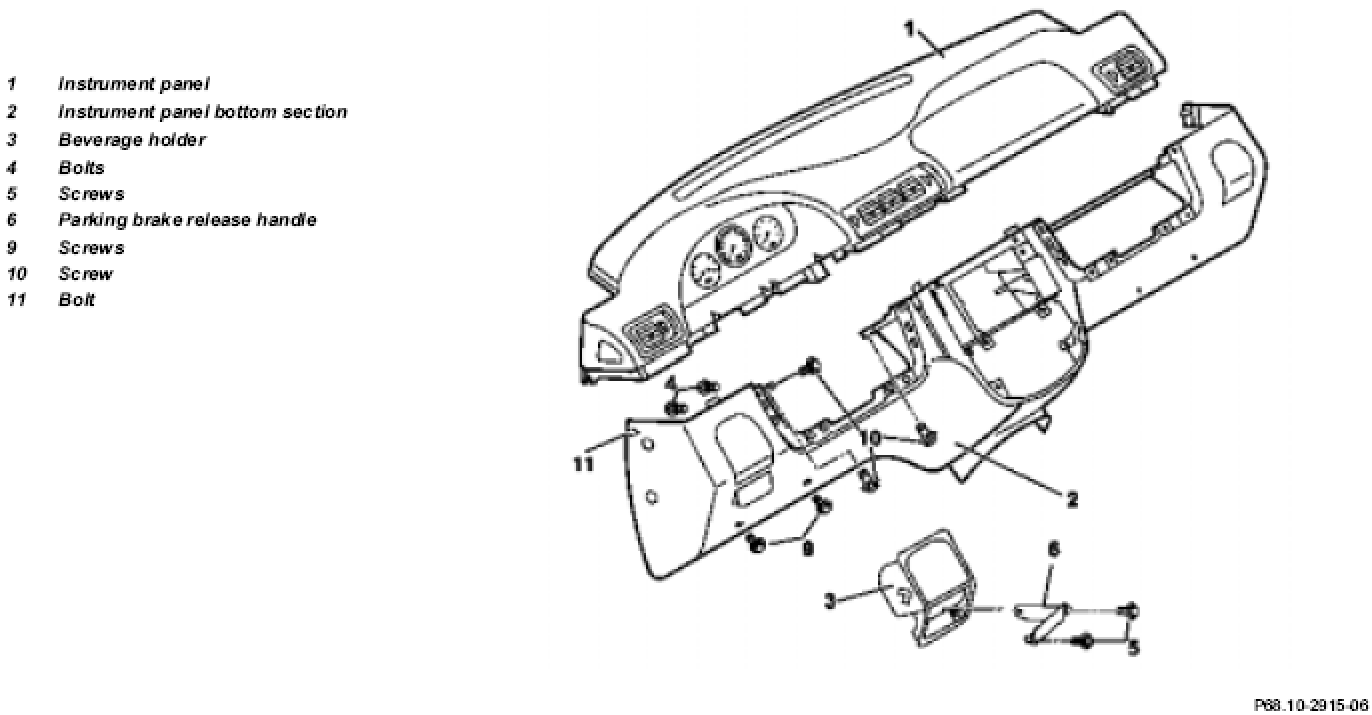


Fig. 28: Identifying Stowage Compartment Components (Driver's Side Vehicles Up To VIN A145272, X708318)

Instrument panel is illustrated disassembled for clarity

Vehicles as of VIN A145273, X708319

1 Instrument panel
2 Instrument panel bottom section
3 Beverage holder
4 Bolts
5 Screws
6 Parking brake release handle
8 Paneling
9 Screws
10 Screw
11 Bolt

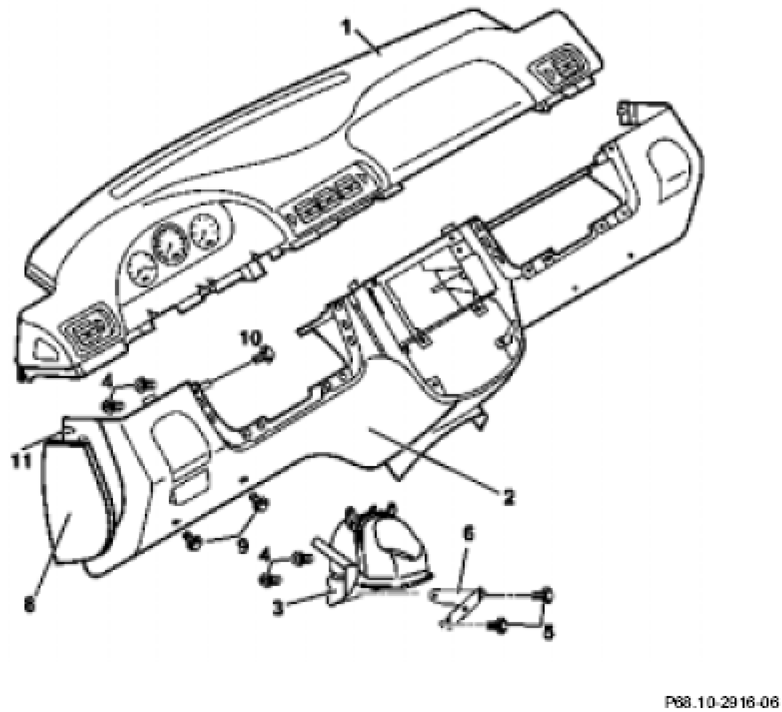


Fig. 29: Identifying Stowage Compartment (Driver's Side Vehicles As Of VIN A145273, X708319)

Danger!	**Remove/install**		
1	Remove left and right cover below instrument cluster	Risk of breakage!	
2	Unscrew bolt (10)	Up to VIN A145272, X708318: 3 screws. As of VIN A145273, X708319: 1 screw.	
3	Unscrew screws (9) from bottom side of instrument panel		
4.1	Remove entry lamp from bottom of instrument panel	Only as of VIN A145273, X708319.	
5.1	Remove paneling (8)	Only as of VIN A145273, X708319.	
6	Unscrew screw (11) from left side of instrument panel		
7	Loosen instrument panel bottom (2) at side on instrument panel (1) and pull downward	USA Carefully pull downward to prevent damaging instrument.	
8	Unscrew screws (4) from beverage holder (3) at inside of instrument panel bottom section (2)		
9	Unscrew screws (5) at outside of instrument panel bottom section (2)	At parking brake release handle (6).	
10	Remove beverage holder (3)		

11	Install in the reverse order		

REMOVE/INSTALL STOWAGE COMPARTMENT OR BEVERAGE HOLDER - AR68.10-P-1600GI

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175 passenger side

Instrument panel is illustrated disassembled for clarity.

Vehicles up to VIN A145272, X708318

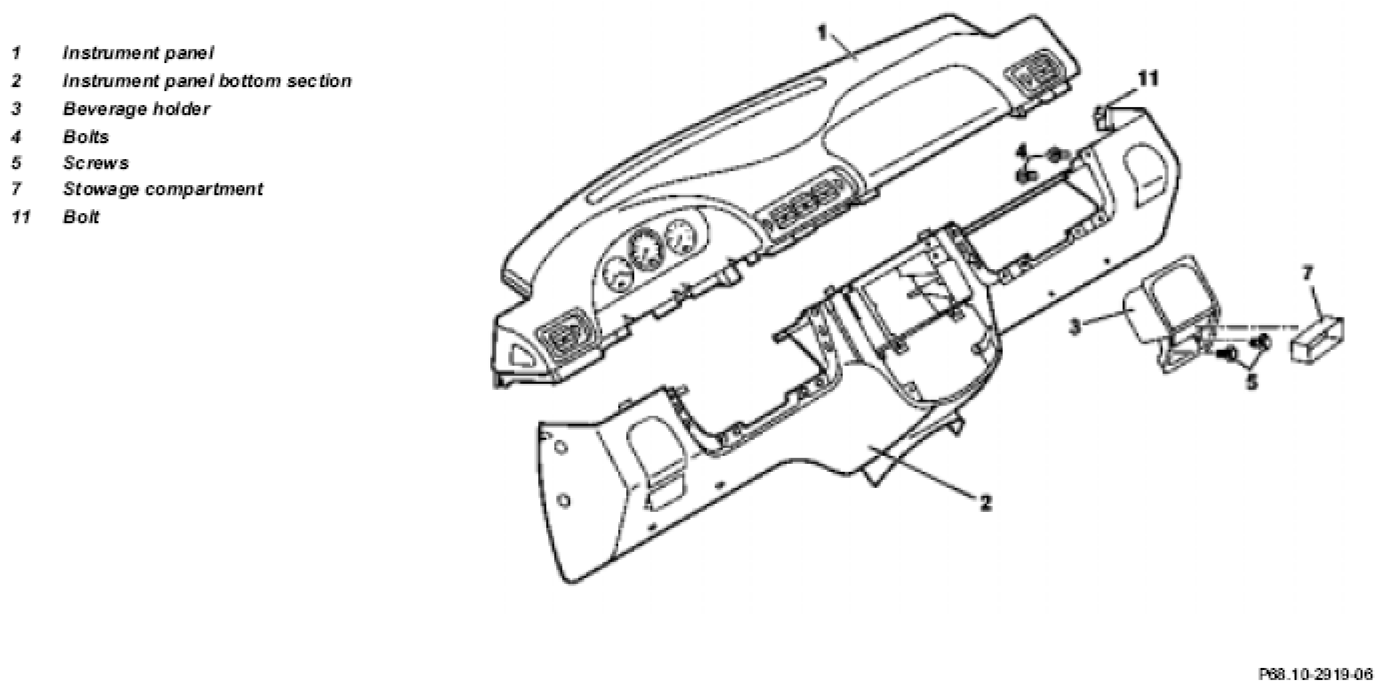


Fig. 30: Identifying Stowage Compartment Components (Passenger Side Vehicles Up To VIN A145272, X708318)

Instrument panel is illustrated disassembled for clarity.

Vehicles as of VIN A145273, X708319

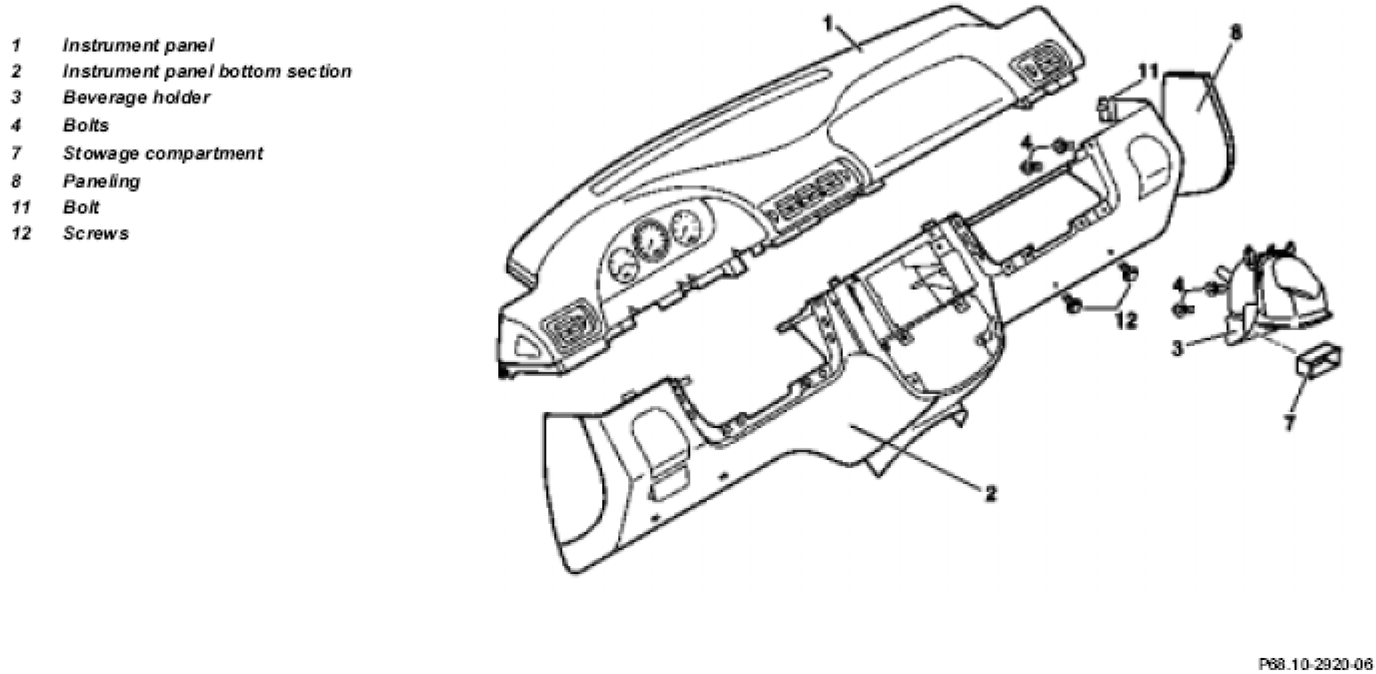


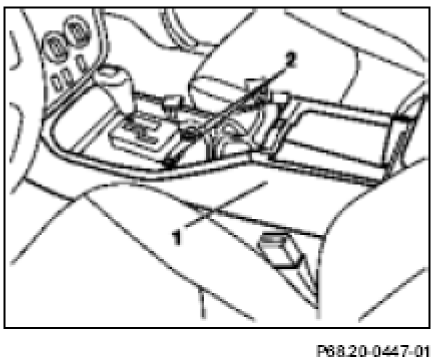
Fig. 31: Identifying Stowage Compartment Components (Passenger Side Vehicles As Of VIN A145273, X708319)

1.1	Remove cover below instrument panel on passenger side	Only as of VIN A145273, X708319.	**AR68.10-P-1520GI**
2	Remove glove compartment	Up to VIN A145272, X708318. As of VIN A145273, X708319.	**AR68.10-P-1400GH** **AR68.10-P-1400GI**
3.1	Unscrew screws (12) from bottom side of instrument panel	Only as of VIN A145273, X708319.	
4	Remove stowage compartment (7).		
5.1	Remove entry lamp from bottom side of instrument panel.	Only as of VIN A145273, X708319.	
6.1	Remove paneling (8).	Only as of VIN A145273, X708319.	
7	Unscrew screw (11) from right side of instrument panel.		
8	Loosen instrument panel bottom section (2) at side on instrument panel (1) and pull downward.	USA Carefully pull downward to prevent damaging instrument panel.	
9	Unscrew screws (4) from beverage holder (3) at inside of instrument panel bottom section (2)		
10.1	Unscrew screws (5) at outside of instrument panel bottom section (2)	Up to VIN A145272, X708318 on stowage compartment (7).	

11	Remove beverage holder (3)		
12	Install in the reverse order		

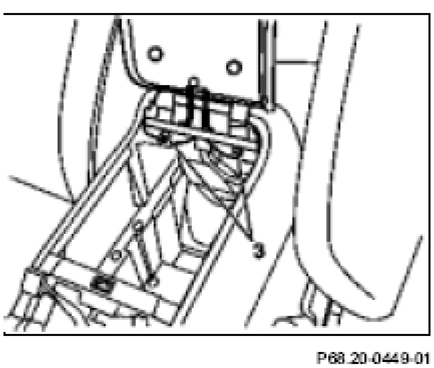
REMOVE/INSTALL CENTER CONSOLE - AR68.20-P-2000GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175



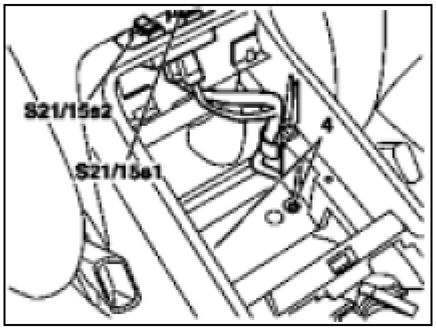
1 Housing
2 Screws

Fig. 32: Identifying Center Console Housing And Screws



3 Screws
4 Screws

Fig. 33: Identifying Center Console Screws



S21/15s1	Left rear power window switch
S21/15s2	Right rear power window switch

Fig. 34: Identifying Left And Right Rear Power Window Switch

Danger!	**Remove, Install**		
1	Remove armrest cover from center console		**AR68.20-P-2370GH**
2	Remove cover on gearshift lever	Up to 31.08.01 As of 01.09.01	**AR68.20-P-2310GH** **AR68.20-P-2310GI**
3	Unscrew screws (2) from front of housing (1)		
4.1	Disconnect electrical connector on right and left rear power window switches (S21/15s1 and S21/15s2)	Up to 31.08.01: Remove wiring harness from mount.	
4.2	Disconnect connector from floor in center console	Up to 31.08.01: Remove wiring harness from mount.	
5	Unscrew screws (4) from rear of housing (1)		
6	Remove housing (1)	Set selector lever to position N **Installation:** As of 01.09.01, ensure that air duct is installed tightly.	
7	Install in the reverse order		

REMOVING AND INSTALLING REAR SECTION OF CENTER CONSOLE - AR68.20-P-2020GH

MODEL 163.113 /136 /154 /172 /174 as of 1.9.99 up to 31.8.01

1 Rear cupholder
2 Screw
3 Center console rear section
4 Tab

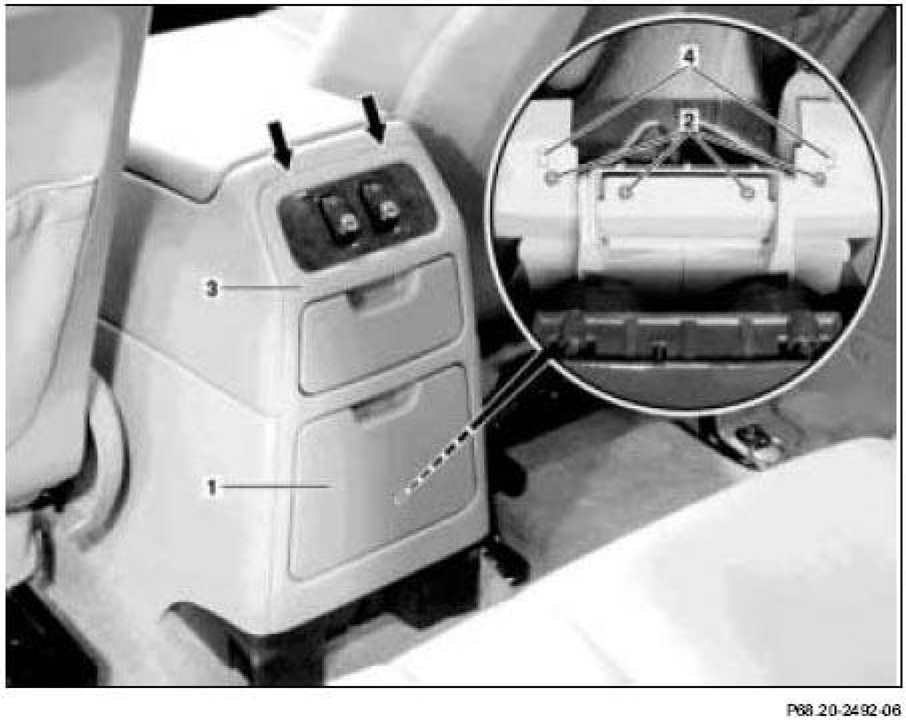
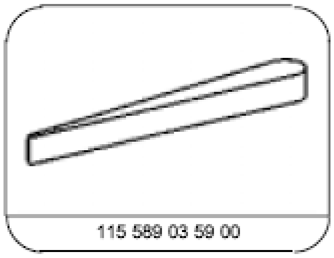


Fig. 35: Identifying Center Console Rear Section Components

Danger!	**Remove, install**		
1	Open rear cupholder (1), release from center console and fold down		
2	Remove screws (2)		
3	Unclip rear section (3) at top (arrows)		**Fig. 6**
4	Release tabs (4) at bottom	USA Danger of breaking.	
5	Pull rear section (3) away from center console		
6	Unplug connectors for rear window switches		
7	Install in reverse order		



Long wedge

Fig. 36: Identifying Long Wedge (115 589 03 59 00)

REMOVE/INSTALL REAR CENTER CONSOLE - AR68.20-P-2020GI

MODEL 163.113 /154 /174 #A as of 289565,163.113 #X as of 754620,163.128 /157 /175

1 Armrest cover
2 Bolts
3 Ashtray paneling
4 Clips
5 Bolts
6 Rear section of center console

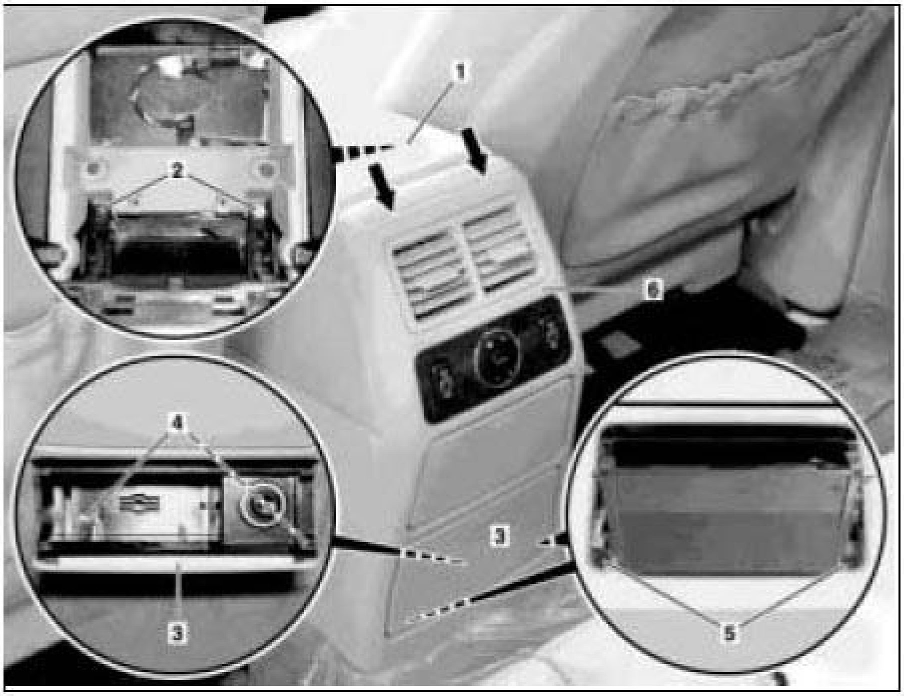


Fig. 37: Identifying Rear Center Console Components

Danger!	**Remove/install**		
1	Remove armrest lid (1)		**AR68.20-P-2370GH**
2	Remove stowage box on center console	Press center pin approx. 4 mm down, then remove rivet upward	
3	Remove bolts (2) from beverage holder		
4	Remove ashtray inner section		
5	Remove ashtray paneling (3)	Danger of breaking clips (4). Loosen clips (4) and pull bottom edge of cover toward rear and remove upward	
6	Remove bolts (5)		
7	Unclip rear center console (6) at top (arrows).	Long wedge	**Fig. 6**
	Remove rear center console (6) from		

8	center console		
9	Disconnect connector from rear control panel control module and ashtray	Disconnect connector for rear ashtray from ashtray housing	
10	Install in the reverse order		

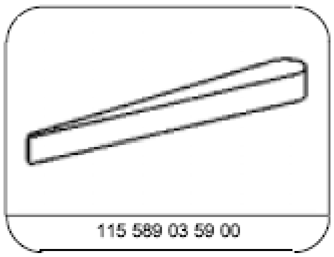


Fig. 38: Identifying Long Wedge (115 589 03 59 00)

REMOVE/INSTALL FLOOR COVERING - AR68.20-P-2040GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

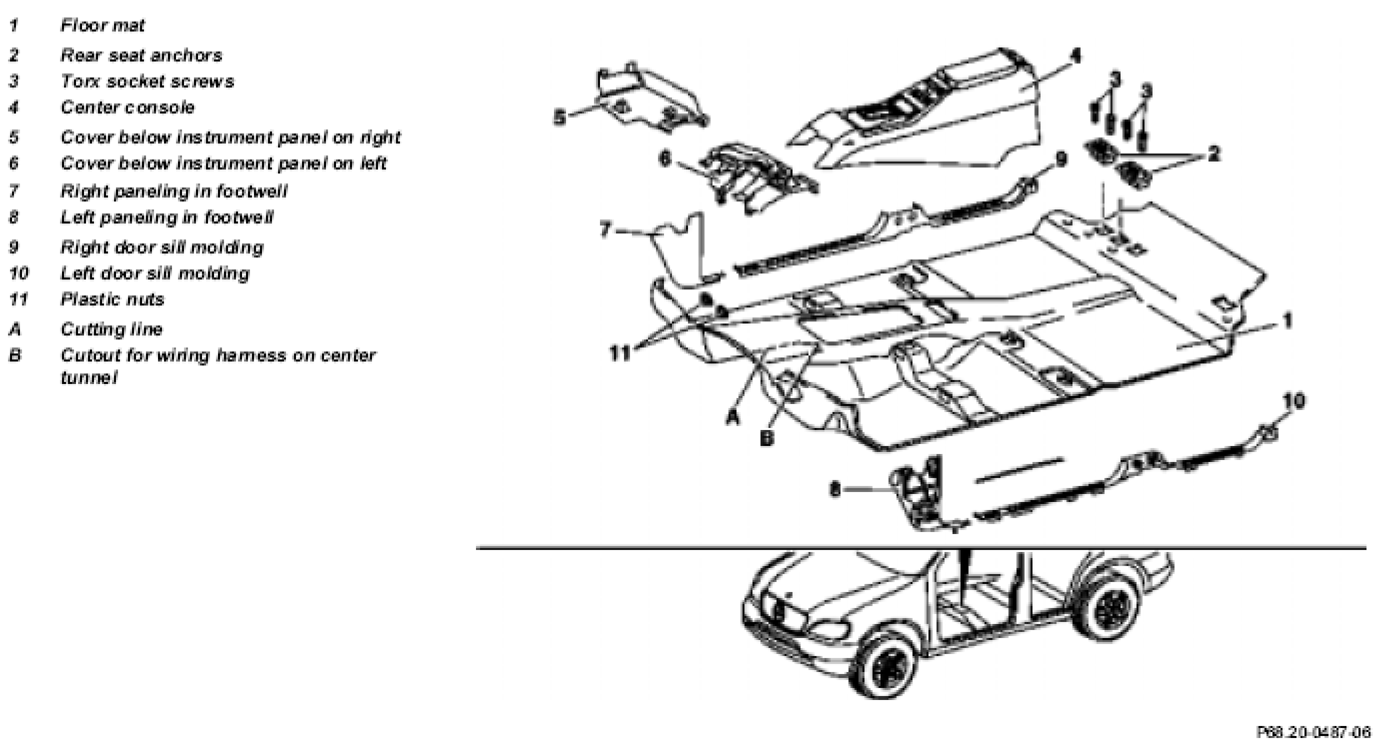


Fig. 39: Identifying Floor Covering Components

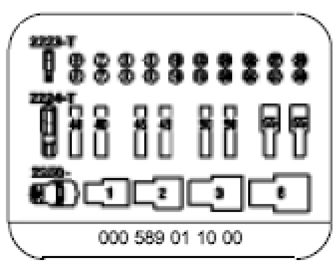
Danger!	**Remove/install**		
			AR91.10-P-

1	Remove front seats		**1000GH**
2.1	Remove bass module speaker	Only with Sound-System, Code 810.	**AR82.62-P-7839GH**
3.1	Remove control module for emergency call system	Only with emergency call system E-Call, Code 349.	**AR82.95-P-0008GH**
4	Remove bench	1/3 bench seat, up to 31.8.99. 40% bench seat, as of 01.9.99. 2/3 bench seat, up to 31.8.99. 60% bench seat, as of 01.9.99.	**AR91.12-P-1010GH** **AR91.12-P-1010GI** **AR91.12-P-1010GJ** **AR91.12-P-1010GK**
5	Remove rear seat anchors (2)	Up to 31.8.99, unscrew internal Torx drive bolts (3). Torx bit set	**Fig. 24**
6	Remove center console (4)		**AR68.20-P-2000GH**
7	Remove cover below instrument panel on left (6)		**AR68.10-P-1500GH**
8	Remove cover below instrument panel on right (5)	Up to 31.8.99. As of 01.9.99.	**AR68.10-P-1520GH** **AR68.10-P-1520GI**
9	Unscrew plastic nuts (11) in right footwell		
10	Remove condensate water drain hose from heater housing		
11	Remove door sill molding on right (9) and door sill molding on left (10)		**AR68.30-P-4100GH**
12	Remove paneling in footwell on right (7) and paneling in footwell on left (8)		**AR68.30-P-4010GH**
13	Remove insulating mat under the center console		
14	Remove air duct for ventilation in the rear		
15	Remove radio		**AR82.60-P-7502EA**
16	Disconnect all the electrical connectors and lay aside		
17	Detach shift-lock cable at the electronic selector module		

18	Remove bracket between instrument panel center part and transmission tunnel		***BA68.10-P-1003-01A**
19	Pull out floor covering (1) in area of C-pillar and remove	Do not damage electrical leads. **Installation:** Align floor covering at attachment points for seats and thread electric wires through corresponding cutouts.	
20	Install in the reverse order		

Instrument panel

Number	Designation	MODEL Series 163
BA68.10-P-1003-01A	Screw, dashboard to transmission tunnel Nm	30



Torx bit set

Fig. 40: Identifying Torx Bit Set (000 589 01 10 00)

DISASSEMBLING AND ASSEMBLING CENTER CONSOLE - AR68.20-P-2150GH

MODEL 163.113 /136 /154 /172 /174 up to 31.8.01

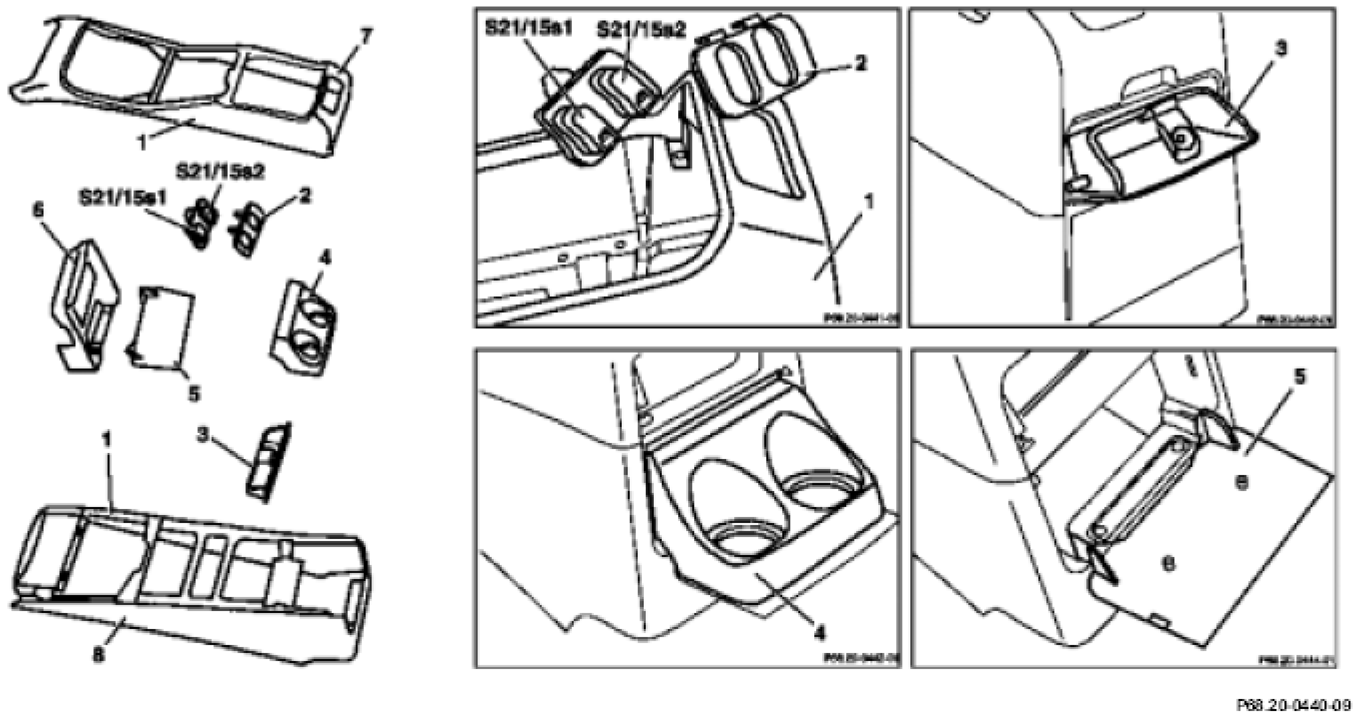


Fig. 41: Identifying Center Console Components Up To 31.8.01

GF PE	**Disassemble/assemble**		
1	Remove center console		**AR68.20-P-2000GH**
2	Lay center console (1) down on suitable subsurface with opening pointing downward		
3	Remove rear power window switches (S21/15s1) and (S21/15s2)	Remove switch to inside and cover (2) to outside	
4	Remove rear ashtray housing (3)		
5	Unclip cup holder (4) from cover (5)		
6	Remove cover (5) for cup holder		
7	Remove inner section (6)	**Installation:** Install inner section at top.	
8	Separate center console on top section (7) and bottom section (8)	6 screws	
9	Assemble in reverse sequence		

DISASSEMBLE/ASSEMBLE CENTER CONSOLE - AR68.20-P-2150GI

MODEL 163.113 /154 /174 #A as of 289565,163.113 #X as of 754620,163.128 /157 /175

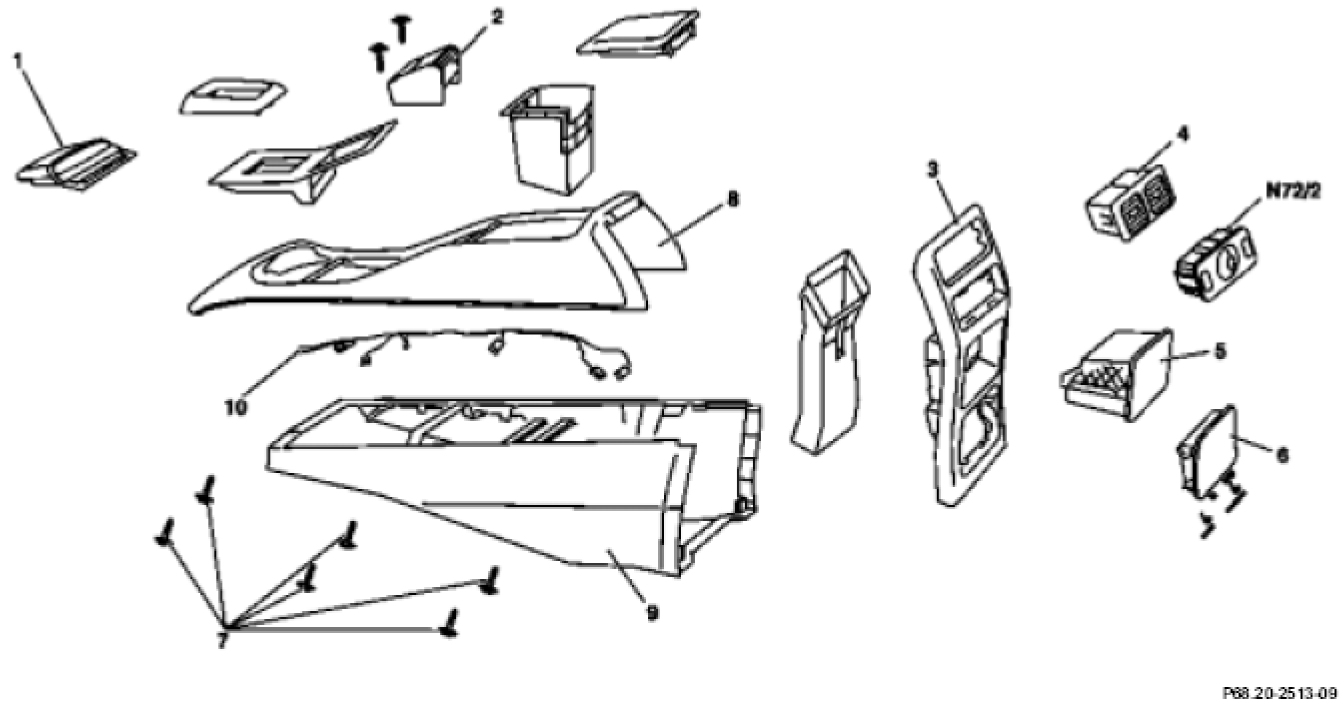


Fig. 42: Identifying Center Console Components

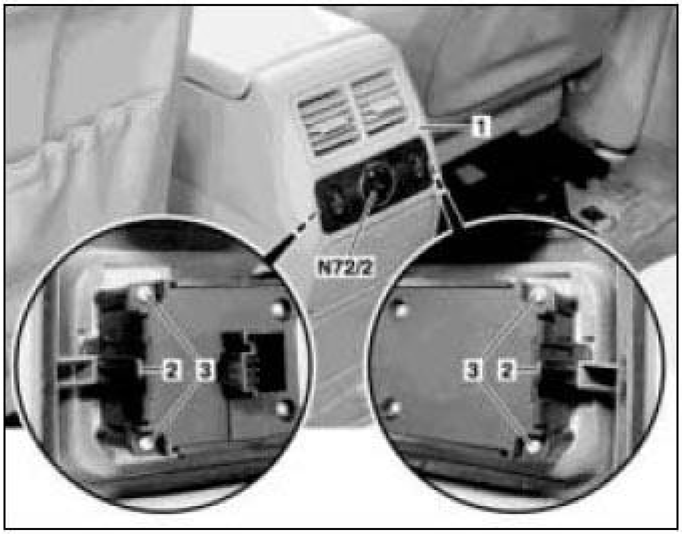
GF PE	**Disassemble/assemble**		
1	Remove center console		**AR68.20-P-2000GH**
2	Lay center console down on suitable subsurface		
3	Remove front ashtray (1)		**AR68.20-P-2400GI**
4	Remove storage compartment (2)		
5	Remove rear center console (3)		**AR68.20-P-2020GI**
6	Remove rear air nozzle (4)		**AR83.10-P-4800GH**
7	Remove RCP console module (N72/2)		**AR68.20-P-2210GH**
8.1	Remove rear beverage holder (5)	Model 163.154 #A as of VIN 145273 up to VIN 289564, model 163.172 #A as of VIN 145273, model 163.113 /174 #A up to VIN 289564, model 163.136 /154 /172 #X as of VIN 708319, model 163.113 #X up to VIN 754619	**AR68.20-P-2220GH**

		Model 163.113 /154 /174 #A as of VIN 289565, model 163.113 #X as of VIN 754620 model 163.128 /157 /175	**AR68.20-P-2220GI**
9	Remove rear ashtray (6)		**AR68.20-P-2230GH**
10	Remove bolts (7) for center console from top and bottom section	6 bolts.	
11	Remove top section (8) and bottom section (9) from center console		
12	Remove interior wiring harness (10) from center console		
13	Assemble in reverse order		

REMOVE/INSTALL REAR CENTER CONSOLE SWITCH MODULE - AR68.20-P-2210GH

MODEL 163.113 /154 /174 #A as of 289565,163.113 #X as of 754620,163.128 /157 /175

1	Rear center console.
2	Retaining clamps
3	Bolts
N7 2/2	RCP [HBF] control module



P68.20-2495-11

Fig. 43: Identifying Rear Center Console Switch Module Components

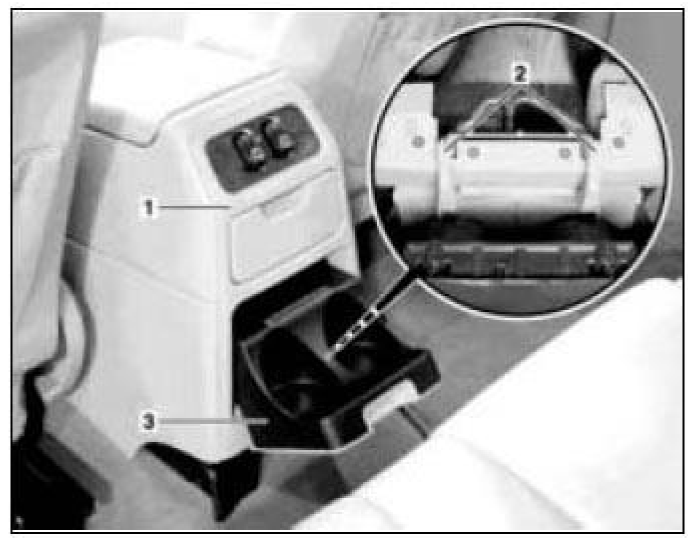
Danger!	**Remove/install**		
1	Remove rear center console (1)		**AR68.20-P-2020GI**
2	Remove retaining clamps RCP control module (N72/2) from rear center console (1)	Press retaining clamps (2) toward inside.	

3	Unscrew bolts (3) on RCP control module (N72/2) from cover		
4	Install in the reverse order		

REMOVE/INSTALL REAR BEVERAGE HOLDER - AR68.20-P-2220GH

MODEL 163.154 #A as of 145273 up to 289564,163.172 #A as of 145273,163.113 /174 #A up to 289564,163.136 /154 /172 #X as of 708319,163.113 #X up to 754619

1 Rear section of center console
2 Beverage holder hinge
3 Beverage holder



P68.20-2496-11

Fig. 44: Identifying Rear Beverage Holder & Hinge

Danger!	**Remove/install**		
1	Remove rear center console (1)		**AR68.20-P-2020GH**
2	Loosen beverage holder hinge (2)	Press hinge toward inside	
3	Remove beverage holder (3)		
4	Install in the reverse order		

REMOVE/INSTALL REAR BEVERAGE HOLDER - AR68.20-P-2220GI

MODEL 163.113 /154 /174 #A as of 289565,163.113 #X as of 754620,163.128 /157 /175

1 *Rear center console.*
2 *Air nozzle*
3 *Beverage holder*
4 *Ball joint*
5 *Bolts*
6 *Paneling*

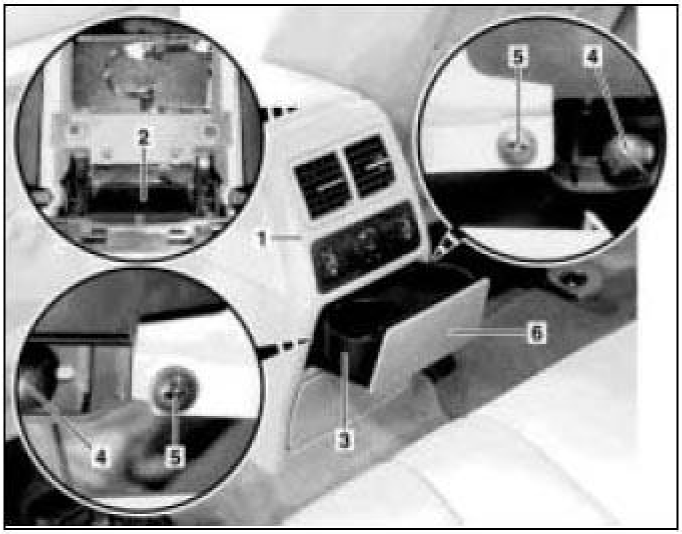


Fig. 45: Identifying Rear Beverage Holder Components

Danger!	**Remove/install**		
1	Remove rear center console (1)		AR68.20-P-2020GI
2	Separate air nozzle (2) from beverage holder (3)	Loosen ball joint (4) from bottom of beverage holder.	
3	Unscrew bolts (5) from sides of beverage holder		
4	Remove beverage holder (3)	Press onto paneling (6).	
5	Install in the reverse order		

REMOVE/INSTALL REAR ASHTRAY - AR68.20-P-2230GH

MODEL 163.113 /154 /174 #A as of 289565,163.113 #X as of 754620,163.128 /157 /175

1 Rear center console.
2 Locking pin
3 Ashtray

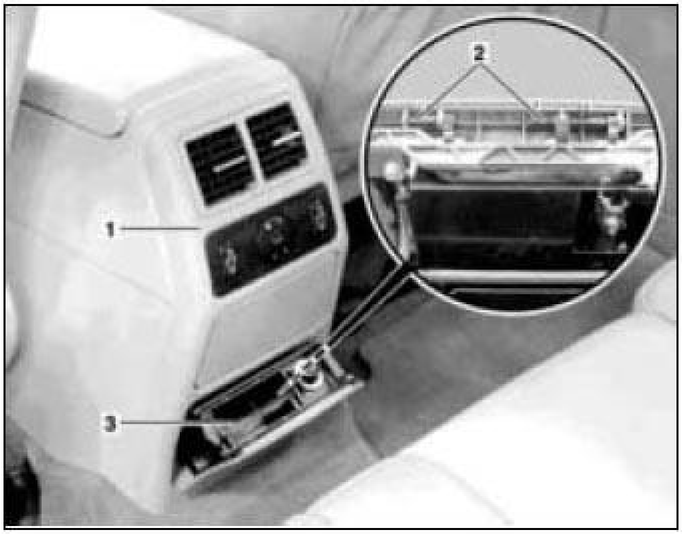


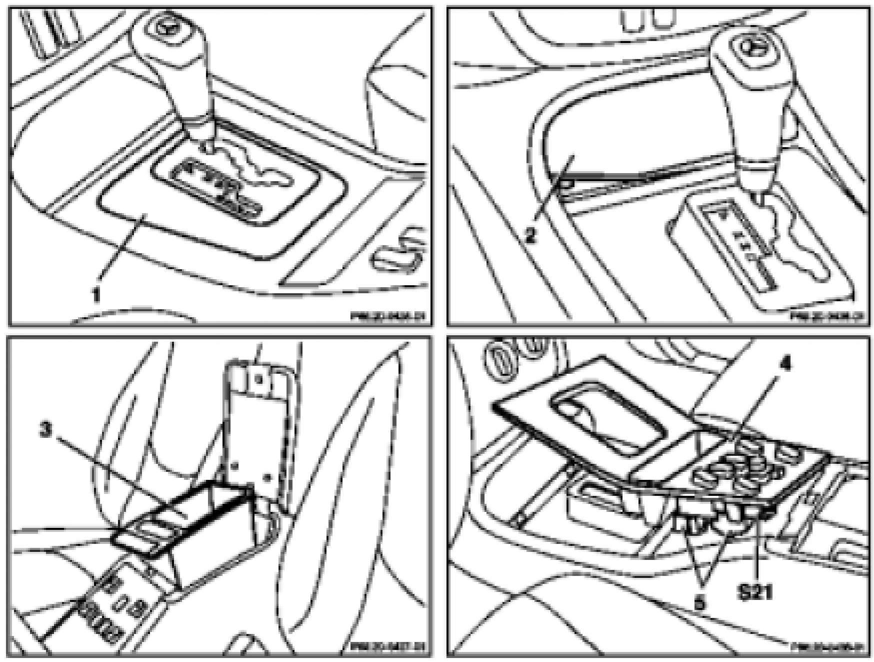
Fig. 46: Identifying Rear Ashtray Components

Danger!	**Remove/install**		
1	Remove rear center console (1)		**AR68.20-P-2020GI**
2	Remove locking pin (2) from ashtray hinge		
3	Remove ashtray (3)		
4	Install in the reverse order		

REMOVING AND INSTALLING COVER AT GEARSHIFT LEVER - AR68.20-P-2310GH

MODEL 163.113 /136 /154 /172 /174 up to 31.8.01

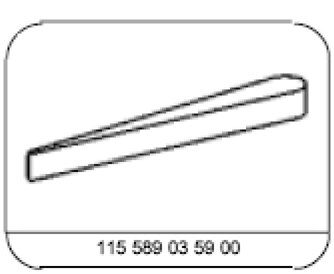
1	Plastic frame
2	Covering in front stowage compartment
3	Center console insert
4	Cover
5	Connectors
S21	Center console switch group



P68.20-0434-06

Fig. 47: Identifying Gearshift Lever Cover Components

Danger!	**Remove/install**		
1	Remove plastic frame (1) upward		**Fig. 6**
2	Remove covering in stowage compartment (2)	Fastened with pin.	
3	Remove center console insert (3)	Remove screws (2 each) from insert floor	
4	Press cover (4) out of catch in center console at rear and sides with long wedge		**Fig. 6**
5	Disconnect connectors (5) from center console switch group (S21)		
6	Install in the reverse order		



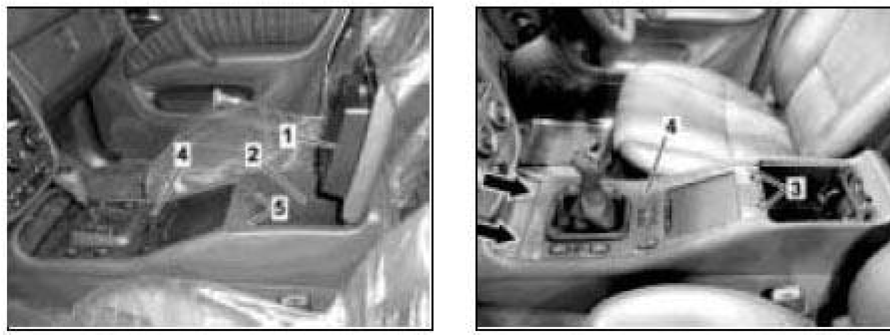
Long wedge

Fig. 48: Identifying Long Wedge (115 589 03 59 00)

REMOVE/INSTALL COVER ON GEARSHIFT LEVER - AR68.20-P-2310GI

MODEL 163.113 /154 /174 #A as of 289565,163.113 #X as of 754620,163.128 /157 /175

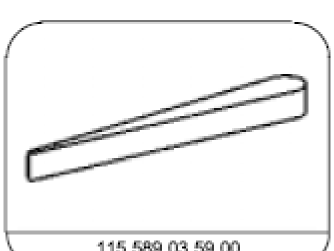
1 *Armrest cover*
2 *Stowage box*
3 *Bolts*
4 *Cover on shift lever*
5 *Plastic screws*



P68.20-2545-01 P68.20-2456-01

Fig. 49: Identifying Cover On Gearshift Lever

Danger!	**Remove/install**		
1	Remove armrest lid (1)		**AR68.20-P-2370GH**
2	Remove plastic screws (5)		
3	Remove stowage box (2)	Press the pin in the center of the rivet downwards for about 4 mm; then remove the rivet from above.	
4	Remove selector lever paneling	Long wedge	**Fig. 6**
5	Unscrew bolts (3)		
6	Remove cover (4) from above	Carefully prize open at front (arrows) and at the sides. Long wedge	**Fig. 6**
7	Detach connector from lower control panel control module	3 connector.	
8	Install in the reverse order		



Assembly wedge

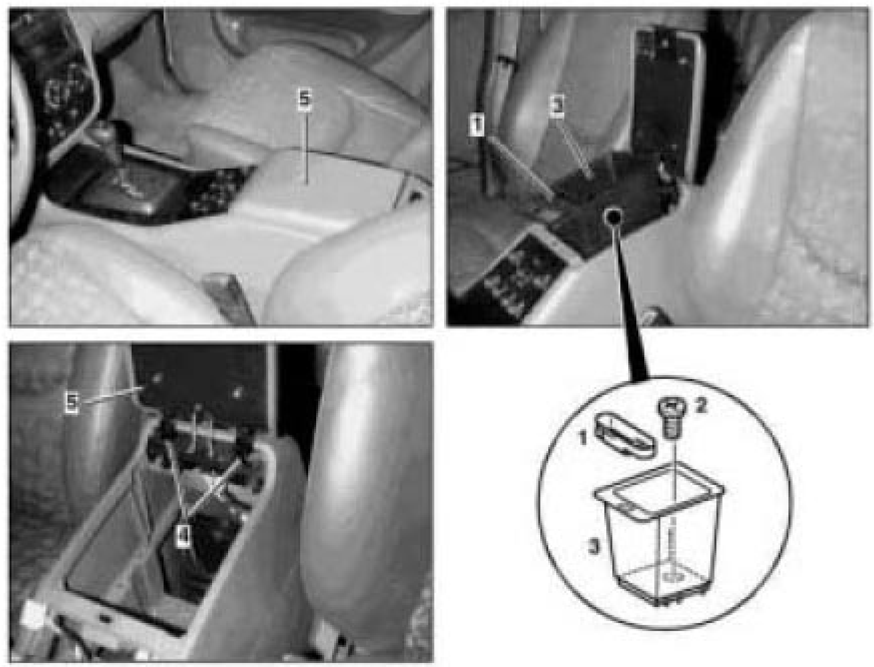
Fig. 50: Identifying Assembly Wedge (115 589 03 59 00)

REMOVE/INSTALL ARMREST LID ON CENTER CONSOLE - AR68.20-P-2370GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

Illustrated on model 163 up to 31.08.01

1 *Stowage compartment*
2 *Screws*
3 *Stowage box*
4 *Screws*
5 *Armrest cover*

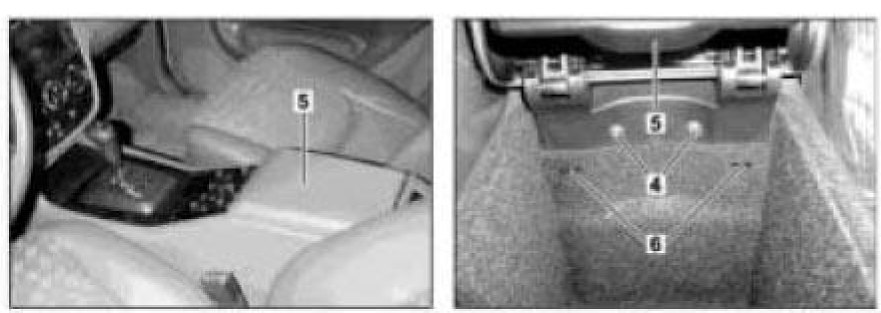


P68.20-0461-06

Fig. 51: Identifying Armrest Lid On Center Console - Model 163 Up To 31.08.01

Illustrated on model 163 as of 01.09.01

4 *Bolts*
5 *Armrest cover*
6 *Access openings*

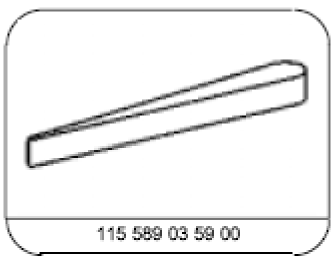


P68.20-2544-04

Fig. 52: Identifying Armrest Lid On Center Console -Model 163 As Of 01.09.01

	Removing, installing		

Danger!			
1.1	Remove storage compartment (1)	Up to 31.08.01: Unclip stowage compartment (1) from stowage box (3)	
2.1	Unscrew screws (2) and remove stowage box (3)	up to 31.08.01	
3	Unscrew screws (4).		
4	Remove armrest lid (5)	As of 01.09.01: Insert long wedge into access openings (6) and loosen retaining lugs. Long wedge	**Fig. 6**
5	Install in the reverse order		



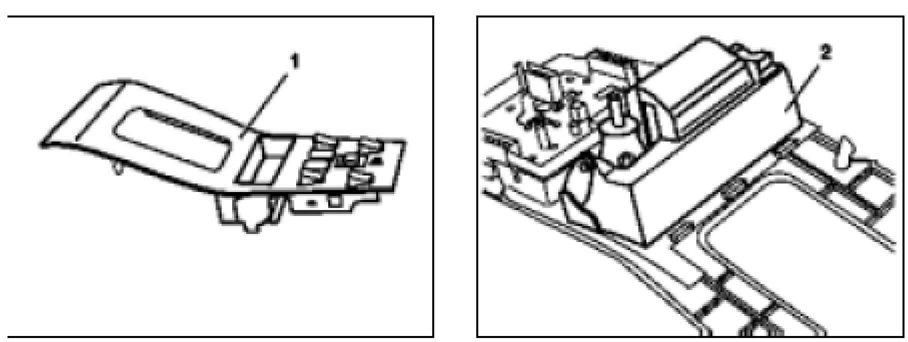
Assembly wedge

Fig. 53: Identifying Assembly Wedge (115 589 03 59 00)

REMOVING AND INSTALLING ASHTRAY HOUSING FROM FRONT CENTER CONSOLE - AR68.20-P-2400GH

MODEL 163.113 /136 /154 /172 /174 up to 31.8.01

1 Cover on gearshift lever
2 Ashtray housing



P68.20-0455-01 P68.20-0454-01

Fig. 54: Identifying Cover On Gearshift Lever And Ashtray Housing

Danger!	**Remove/install**		
1	Remove cover on gearshift lever (1)		**AR68.20-P-2310GH**
	Remove ashtray housing (2)	**Installation:** Slide ashtray housing into	

2	toward rear	mount and catch.	
3	Install in the reverse order		

REMOVE/INSTALL ASHTRAY HOUSING IN FRONT CENTER CONSOLE - AR68.20-P-2400GI

MODEL 163.113 /154 /174 #A as of 289565, 163.113 #X as of 754620, 163.128 /157 /175

1 Center console
2 Plug
3 Bolts
4 Front ashtray



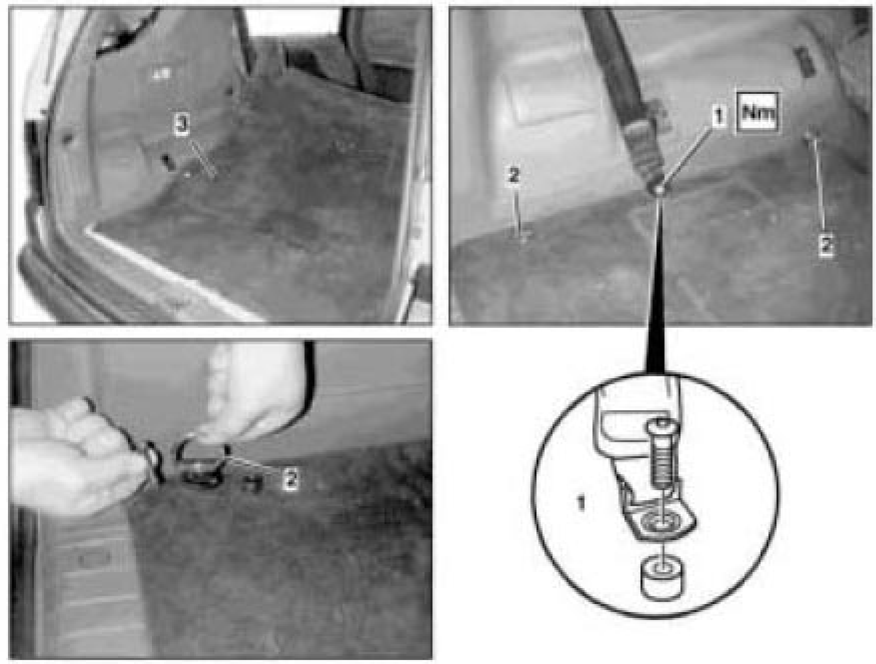
Fig. 55: Identifying Ashtray Housing In Front Center Console

Danger!	**Remove/install**		
1	Remove center console (1)		**AR68.20-P-2000GH**
2	Lay center console down on suitable subsurface	Do not damage center console	
3	Disconnect plug (2)		
4	Remove bolts (3)		
5	Remove front ashtray (4)	**Installation:** Ensure that ashtray is seated correctly in center console.	
6	Install in the reverse order		

REMOVING AND INSTALLING LUGGAGE COMPARTMENT FLOOR COVERING - AR68.20-P-4810GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

1 *Belt end fitting for third seat row*
2 *Cargo retainers*
3 *Floor mat*



P68.20-0456-06

Fig. 56: Identifying Luggage Compartment Floor Covering Components

Danger!	**Remove/install**		
	Torx bit set		**Fig. 24**
1.1	Remove inner spare wheel together with cover	Only model 163.174.	**AR68.30-P-4610GH**
2.1	Fold third seat row upward	Only with 3rd seat row, code 847. See owner's manual	
3	Remove load compartment floor flaps	See owner's manual	
4.1	Remove seat belt end fitting for third seat row (1)	Only with 3rd seat row, code 847. Nm	***BA91.40-P-1001-01D**
5	Unscrew screws for load retainer (2)	Nm	***BA68.50-P-1001-02A**
6.1	Remove mount for child seat retainer	If installed Nm	***BA91.20-P-1001-01A**
7	Remove cover for rear edge of load compartment	USA Do not scratch cover when removing caps. **Installation:** Properly install seal on	

		rear-end door.	
8	Remove floor covering (3) to rear	**Installation:** Install floor covering below side paneling. Assembly wedge	**Fig. 57**
9	Install in the reverse order		

Safety belts/emergency tensioning retractors

Number	Designation		Model 163 up to 08/99	Model 163 as of 09/99
BA91.40-P-1001-01D	Belt end fitting screw	Nm	35	35

Luggage nets

Number	Designation		Model Series 163
BA68.50-P-1001-02A	Bolt securing cargo retainer bracket to loading compartment floor	Nm	24

Child seats

Number	Designation		Model Series 163
BA91.20-P-1001-01A	Bracket for child seat anchorage on load compartment floor	Nm	24

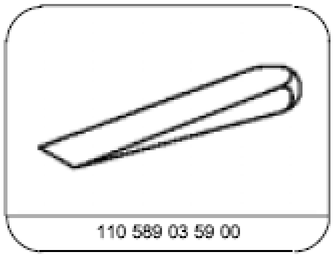


Fig. 57: Identifying Assembly Wedge (110 589 03 59 00)

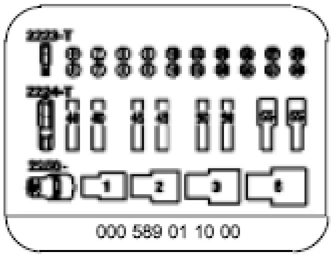
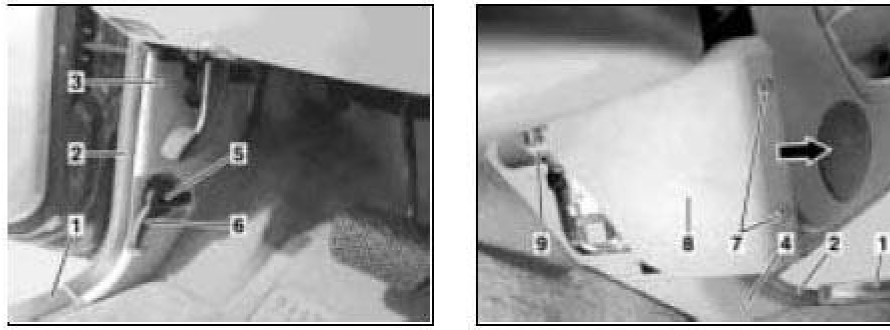


Fig. 58: Identifying Torx Bit Set (000 589 01 10 00)

REMOVE/INSTALL PANELING IN FOOTWELL - AR68.30-P-4010GH

MODELS 163.113 /128 /136 /154 /157 /172 /174 /175

1 Door sill molding cover
2 Door seal
3 Driver-side paneling
4 Passenger side paneling
5 Bolt
6 Engine hood release lever
7 Arresting mechanism
8 Fuse and relay box cover
9 Nut



P68.30-2266-01 P68.30-2267-01

Fig. 59: Identifying Paneling In Footwell

Danger!	**Remove/install**	
1	Remove front door sill molding cover (1)	
2	Unscrew screws from door sill molding on rocker panel	Only two front screws.
3	Pull off door seal (2) in the area of driver's side paneling (3) or front passenger's side paneling (4)	
4	Unscrew screw (5) for engine hood release lever (6) on A-pillar	Driver's side only.
5	Unhook engine hood cable and remove engine hood release lever (6)	Driver's side only.
6.1	Rotate locks (7) on the cover of the fuse and relay box (8) 1/4 revolution counterclockwise into the vertical position	As of 09.99. Passenger side only.
7.1	Pull back cover of fuse and relay box (8) (arrow) and remove	As of 09.99. Passenger side only.
8.1	Unscrew nut (9)	As of 09.99. Passenger side only.
9	Unclip driver's side paneling (3) and front passenger's side paneling (4) and remove	Lift door sill molding slightly to allow removal.
10	Install in the reverse order	

REMOVING AND INSTALLING PANELING ON A-PILLAR - AR68.30-P-4050GH

MODELS 163.113 /128 /136 /154 /157 /172 /174 /175

Vehicle illustrated up to 31.8.98

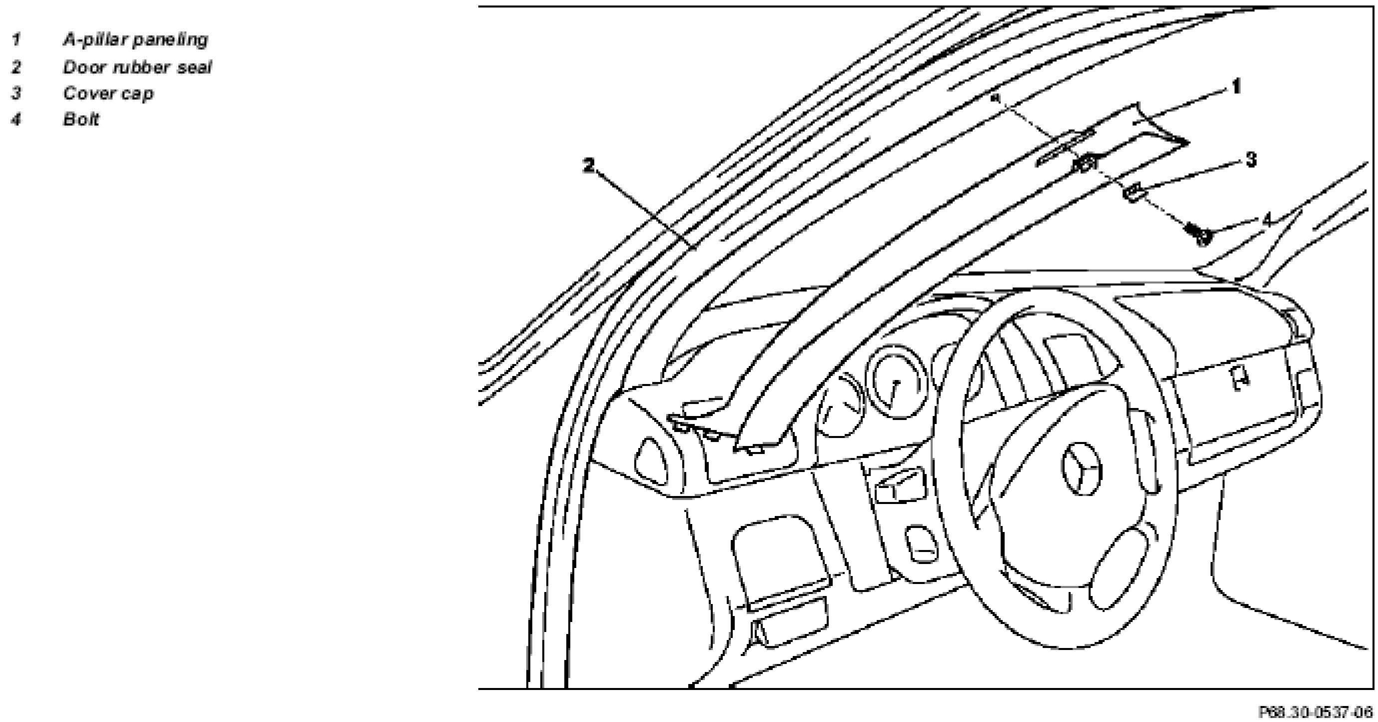


Fig. 60: Identifying Paneling On A-Pillar

Danger!	**Remove/install**		
1	Remove door rubber seal (2) in area of A-pillar		
2.1	Remove cap (3)	Up to 08/98.	
3.1	Unscrew screw (4)	Up to 08/98.	
4	Remove A-pillar paneling (1)	The paneling is fastened in the instrument panel at the bottom with lugs and will be fastened with a clip at top as of 09/98. **Installation:** Replace clip Long wedge	**Fig. 6**
5	Install in the reverse order	On vehicles up to 08/98, on which a new paneling should be installed, the upper area of the fixing opening at the top of the A-pillar must be enlarged so that the clip retainer of the paneling can be installed in the A-pillar.	

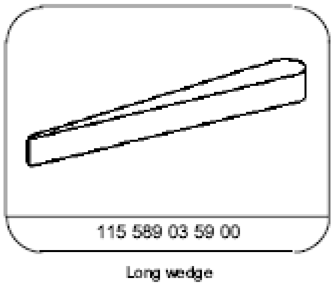


Fig. 61: Identifying Long Wedge (115 589 03 59 00)

REMOVE/INSTALL DOOR SILL MOLDING - AR68.30-P-4100GH

MODELS 163.113 /128 /136 /154 /157 /172 /174 /175

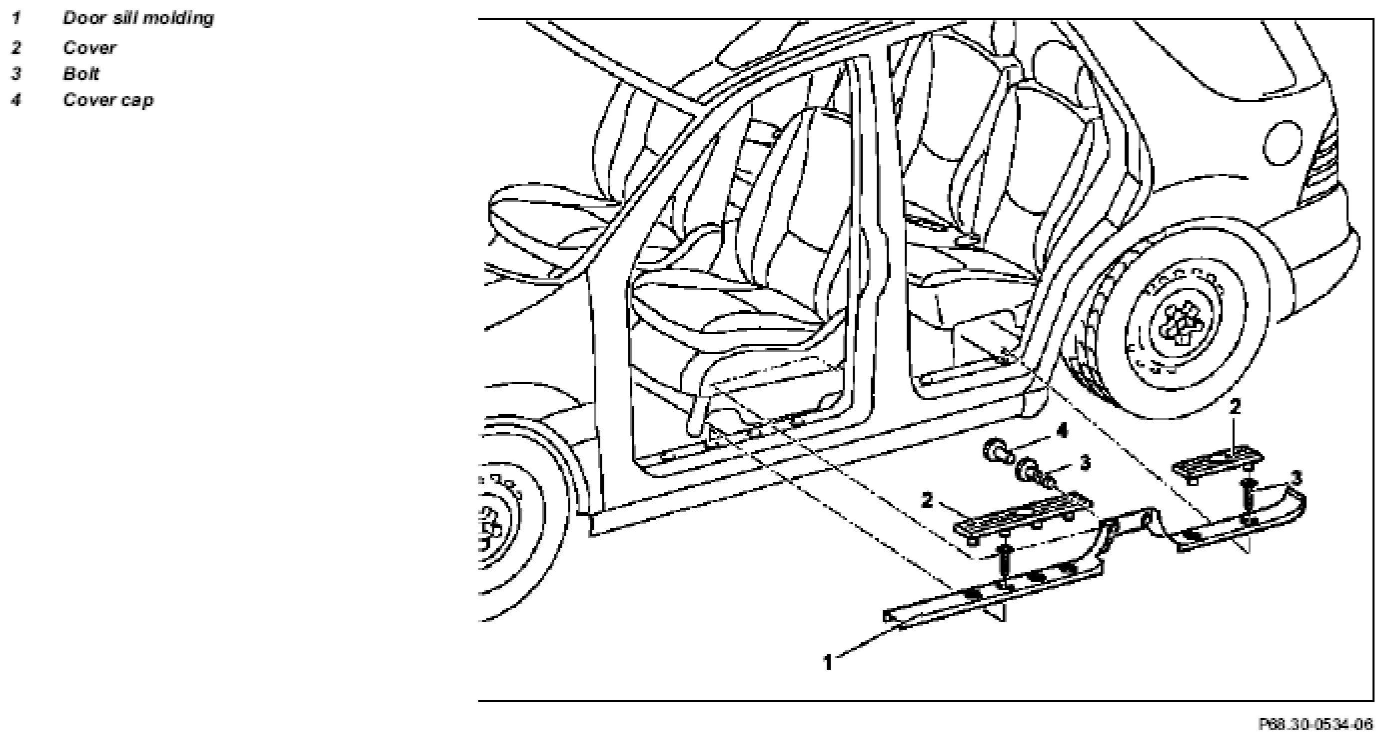


Fig. 62: Identifying Door Sill Molding

Danger!	Remove/install		
1	Remove covers (2) from door sill molding (1) upward	USA **Up to 08/99:** Start at center of covers so that retaining lugs of covers are not damaged. USA **As of 09/99:** Start at the front of the front covering and the rear of the rear covering in order not to damage the retaining lugs.	
	Unscrew screws (3) on door sill		

2	molding (1)		
3	Remove cap (4) on B-pillar		
4	Unscrew screws (3) from B-pillar		
5.1	Remove rear pin from door sill molding (1)	Up to 08/99.	
6	Pull out the door sill molding (1) on the C-pillar paneling forwards	USA **Danger of breaking!** **Installation:** Use an assembly wedge to lift up the C-pillar paneling and door seal until the door sill molding can be inserted without any problems. Assembly wedge	**Fig. 57**
7	Install in the reverse order		

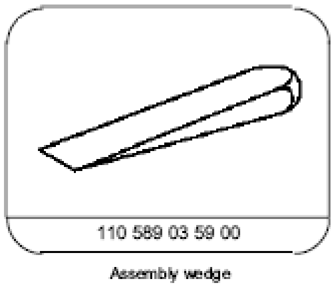


Fig. 63: Identifying Assembly Wedge (110 589 03 59 00)

REMOVE/INSTALL DOOR SILL MOLDING - AR68.30-P-4100GI

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

Door sill molding in cargo space

1 Caps
2 Door sill molding

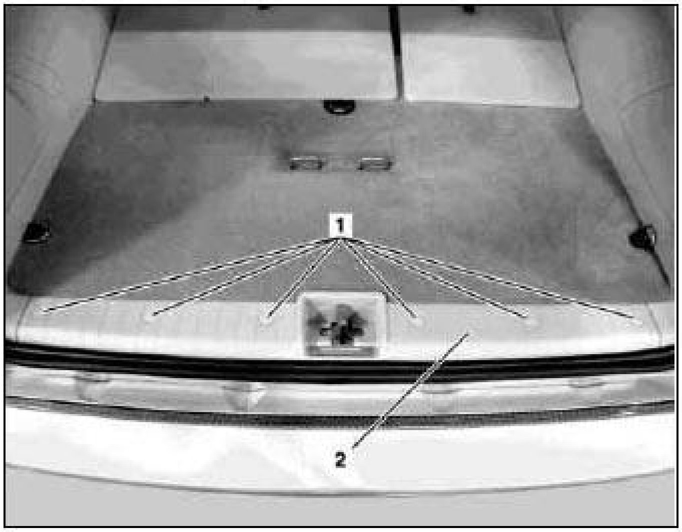


Fig. 64: Identifying Caps And Door Sill Molding

Danger!	**Remove/install**	
1	Remove cover caps (1)	USA Do not scratch door sill molding.
2	Remove screws below caps	
3	Remove door sill molding (2)	**Installation:** Ensure that sealing rubber is positioned correctly.
4.1	Disconnect connector from electronic compass	Only as of 01.09.00 and with code (245), trip computer.
5	Install in the reverse order	

PREPARE HEADLINER FOR INSTALLING HANDLES - AR68.30-P-4300-01GH

Models 163.113/136/154/172 up to 31.8.01

USA When aligning the template, ensure that the arrow is pointing in direction of travel and the correct template is used for each side.

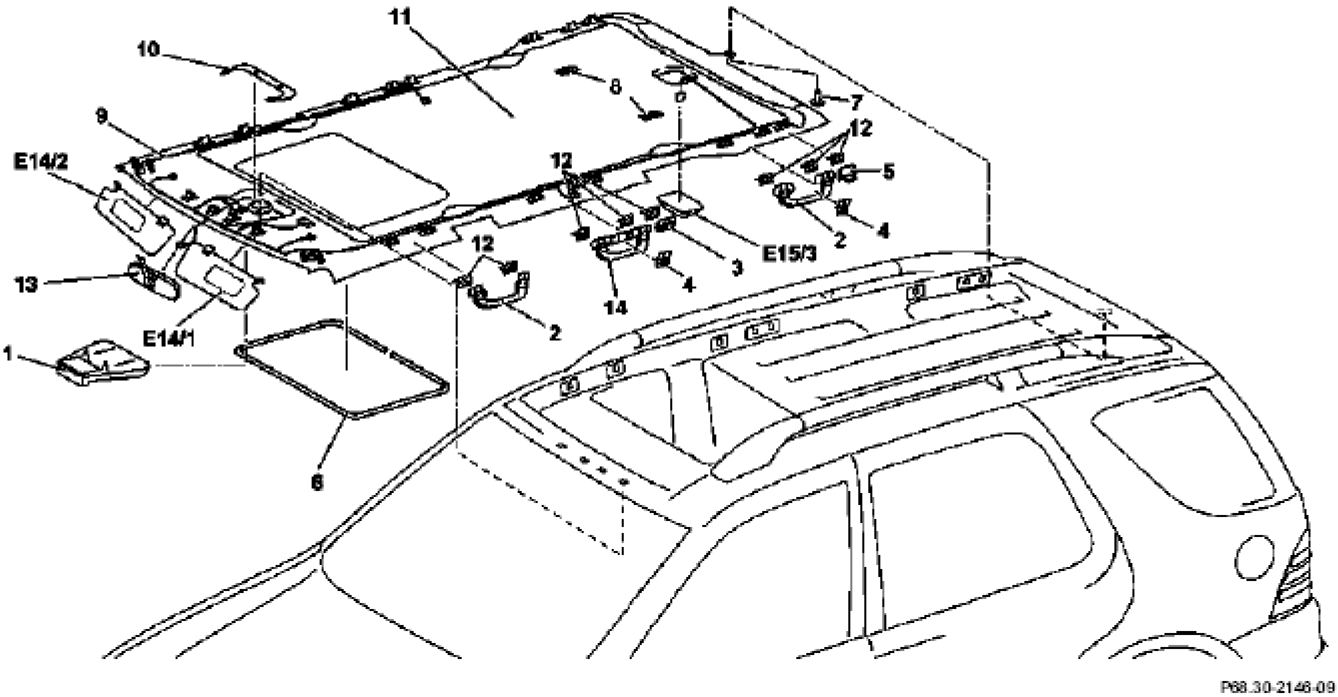
1. Align template at cutouts provided.
2. Mark cutouts for grab handles.
3. Cut out cutouts for grab handles.



Fig. 65: Identifying Handle Template

REMOVE AND INSTALL HEADLINER - AR68.30-P-4300GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175



1 *Overhead control panel, front*
2 *Roof frame handles*
3 *Coat hook*
4 *Cover for mounting points on cargo net*
5 *Bracket*
6 *Edge guard for roof paneling on tilting/sliding roof cutout*
7 *Plastic clip*
8 *Velcro fastener*
9 *Wiring harness*
10 *Mounting frame for headliner/ overhead control panel*
11 *Headliner*
12 *Shock absorber*
13 *Inside rearview mirror*
14 *Handle*
E14/1 *Left sun visor with illuminated mirror*
E14/2 *Right sun visor with illuminated mirror*
E15/3 *Rear interior lamp*

Fig. 66: Identifying Headliner Components

Danger!	**Remove/install**		
1	Remove headrest	See owner's manual	
2	Remove inside rearview mirror (13)	To vehicle identification number A145272, X708318. As of vehicle identification number A145273, X708319.	**AR68.40-P-0001GH** **AR68.40-P-0001GI**
3	Remove front overhead control panel (1)		**AR82.20-P-1100GH**
4	Remove front roof frame handles (2)	**Up to 31.08.01:** Open covers for handles, press clip for handle down on each side, simultaneously press handle upward and pull out. **As of 01.09.01:** Open cover and unscrew screws.	
		Up to 31.08.01: With integral rear dome lamp. Open covers for handles, press clip for handle down	

5	Remove roof frame handles at rear	on each side, simultaneously press handle upward and pull out **As of 01.09.01:** With integrated coat hook. Open cover and unscrew screws.	
6.1	Remove roof frame handles in load compartment	Only with 3rd row of seats, Code 847 **Up to 31.08.01:** Open covers for handles, press clip for handle down on each side, simultaneously press handle upward and pull out. **As of 01.09.01:** Open cover and unscrew screws. USA **Installation:** only up to 31.8.01 and only with 3rd row of seats, Code 847:	
		Prepare headliner for installing handles	**AR68.30-P-4300-01GH**
i	Fabricate template for installing handles in headliner		WF58.50-P-6830-02GH
7.1	Remove rear dome lamp	**As of 01.09.01:** Open plastic cover, then unscrew screws	
8	Disconnect connectors from dome lamps in rear		
9.1	Remove coat hanger hook (3) in roof frame	**Up to 31.08.01:** Open covers of coat hooks, press both clips together and press coat hooks upward, simultaneously pull out coat hooks.	
10	Remove cover for mounting points of cargo net (4)	**Up to 31.08.01:** open cover and remove screws. **As of 01.09.01:** unclip covers at sides	
11	Remove mount (5) on roof frame for mounting third seat row	Open covers for screws and unscrew both screws. Press clips together, simultaneously press mount upward and pull out.	
12.1	Remove shock absorber (12)	Only from 01.09.99 to 31.08.01	
13	Clip in rear interior lamp (E15/3)		**AR82.20-P-0113GH**
14	Remove sun visors with illuminated mirror (E14/1 on left and E14/2 right)		**AR68.60-P-5480GH**
15	Remove paneling on B-pillar		**AR68.30-P-4700GH**
16	Remove rear roof frame paneling		**AR68.30-P-4470GH**
17	Remove paneling on C-pillar		**AR68.30-P-4490GH**
18	Remove rubber door seals		
19.1	Pull off edge guard on headliner in sliding / pop-up roof cutout (6)	Only with electric glass sliding/tilting roof, Code 414a.	
	Pull plastic clip (7) out of		

20	headliner (11)		
21	Unfasten headliner (11) from Velcro strips (8)	**Installation:** Only with electric sliding/ tilting roof in glass version, Code (414a): align headliner at sliding/tilting roof frame.	
22	Remove wiring harness (9) from headliner (11)		
23	Unclip screw frame for headliner / overhead control panel (10) from headliner		
24	Remove headliner (11) through tailgate		
25	Install in the reverse order		

REMOVE/INSTALL REAR ROOF FRAME PANELING - AR68.30-P-4470GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

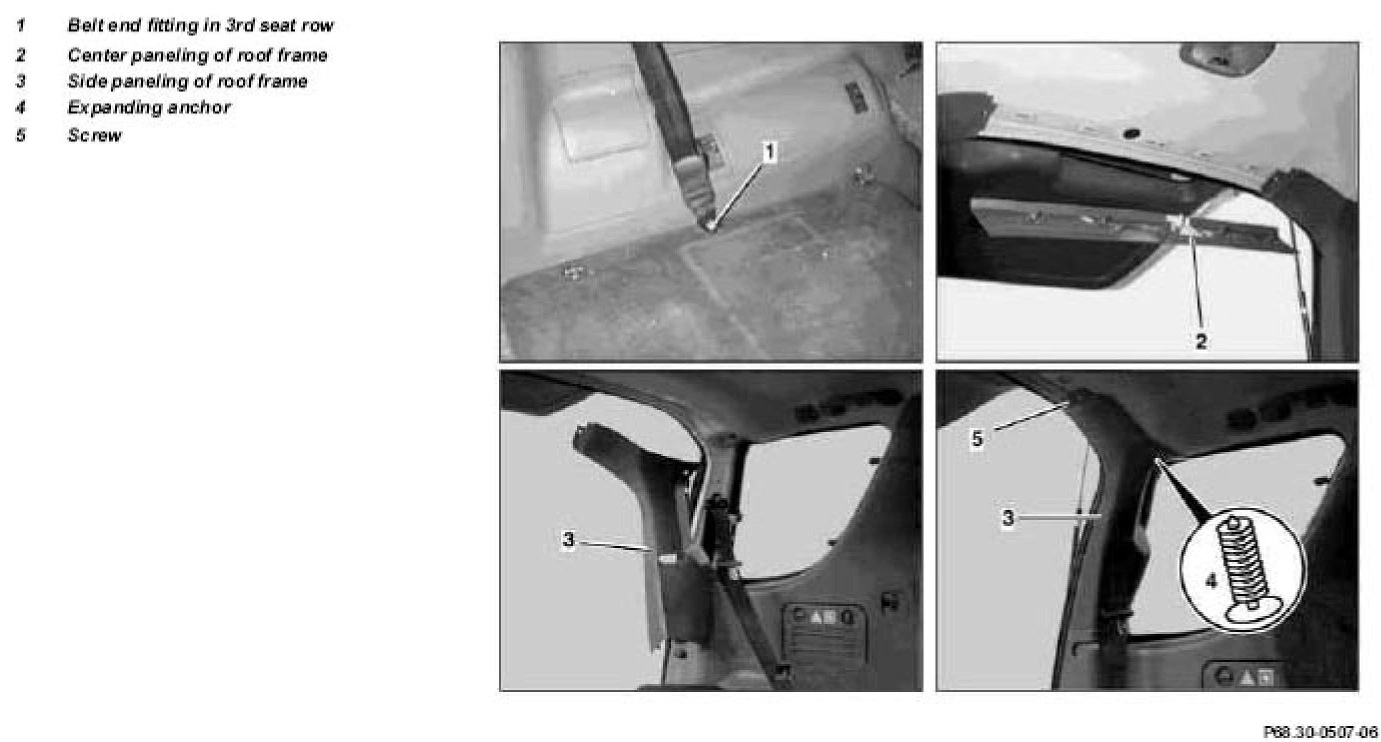


Fig. 67: Identifying Rear Roof Frame Paneling Components

Danger!	**Remove, Install**		
1.1	Remove belt end fitting at bottom of 3rd seat row(1)	Only with 3rd seat row, code 847. Nm	***BA91.40-P-**

			1001-01D
2	Unclip center roof frame covering (2)	**Installation:** Install paneling in door rubber seal. Long wedge	**Fig. 6**
3.1	Remove expanding anchor (4) from side roof frame covering (3)	up to 31.08.01 **Installation:** Replace expanding anchor.	
3.2	Remove screw (5) from side roof frame paneling (3)		
4.1	Unclip side roof frame paneling in upper outer corner	As of 01.09.01	
4.2	Remove side roof frame paneling (3) upward	Only on 3rd seat row, code 847: remove seatbelt and remove paneling **Installation:** Install paneling in door rubber seal.	
5.1	Disconnect connector from loudspeaker	As of 01.09.01 and with sound system, code 810.	
6	Install in the reverse order		

Seat belts/belt tensioners

Number	Designation		Model 163 up to 08/99	Model 163 as of 09/99
BA91.40-P-1001-01D	Screw on belt end fitting	Nm	35	35

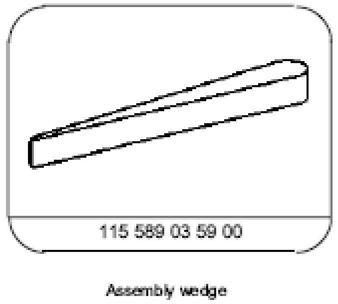


Fig. 68: Identifying Assembly Wedge (115 589 03 59 00)

REMOVE/INSTALL PANELING ON C-PILLAR - AR68.30-P-4490GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

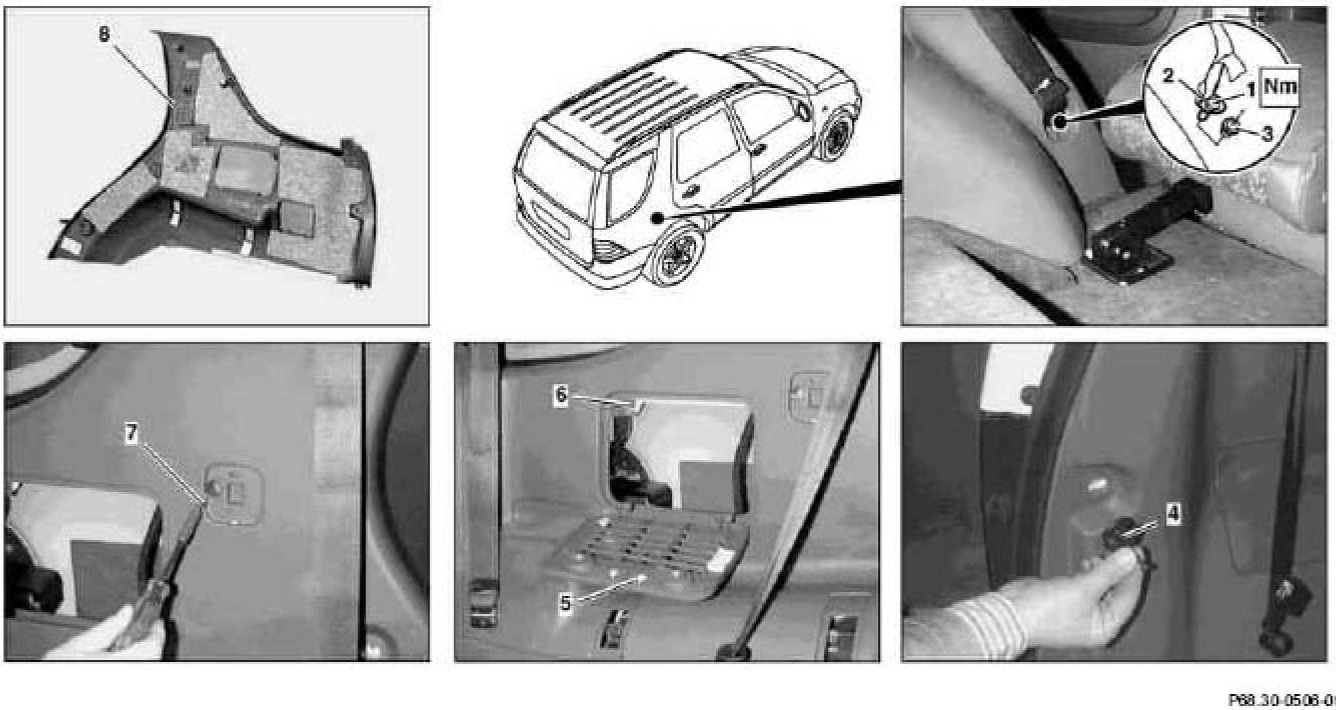


Fig. 69: Identifying Paneling On C-Pillar Components

Danger!	**Remove, Install**		
1.1	Remove third seat row	Only with 3rd seat row, code 847. See operating instructions.	
2	Remove safety net	See Operating Instructions	
3.1	Remove spare wheel cover	Only model 163.174.	**AR68.30-P-4610GH**
4	Remove rear roof frame paneling	Do **not** unscrew screw for belt end fitting if present on 23rd seat row (omit step 1), if present. Loosen D-pillar paneling from C-pillar and guide to bottom along seat belt. Long wedge	**AR68.30-P-4470GH** **Fig. 6**
5	Remove door sill molding in load compartment		**AR68.30-P-4100GI**
6	Fold rear seat forward	See Operating Instructions	
7.1	Remove SRS label and unscrew screw behind	USA Risk of fracturing! Only as of VIN A145273, X708319.	
8	Remove screw (1) and spacer sleeve (3) from belt	Nm	***BA91.40-P-**

	end fitting (2) of rear seat belt		**1001-01D**
9	Remove brackets (4) (2 each.) from lining (8)		
10	Open cover (5) and remove		
11	Unscrew screw (6)		
12	Unscrew screw (7)		
13	Remove lining (8)	As of VIN A145273, X708319 up to VIN A289564, X754619: two clips on inside of paneling in roof area. **Installation:** Check clips and replace if necessary. Properly insert height adjuster for seat belt into paneling. Check function Install paneling in edge molding of floor covering Long wedge	**Fig. 6**
14	Pull seat belt out of lining		
15	Remove lead from 12V socket	At right paneling	
16	Install in the reverse order		

Seat belts/belt tensioners

Number	Designation	Model 163 up to 08/99	Model 163 as of 09/99
BA91.40-P-1001-01D	Screw on belt end fitting Nm	35	35

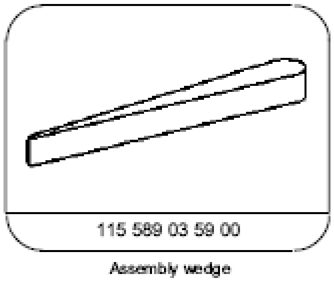
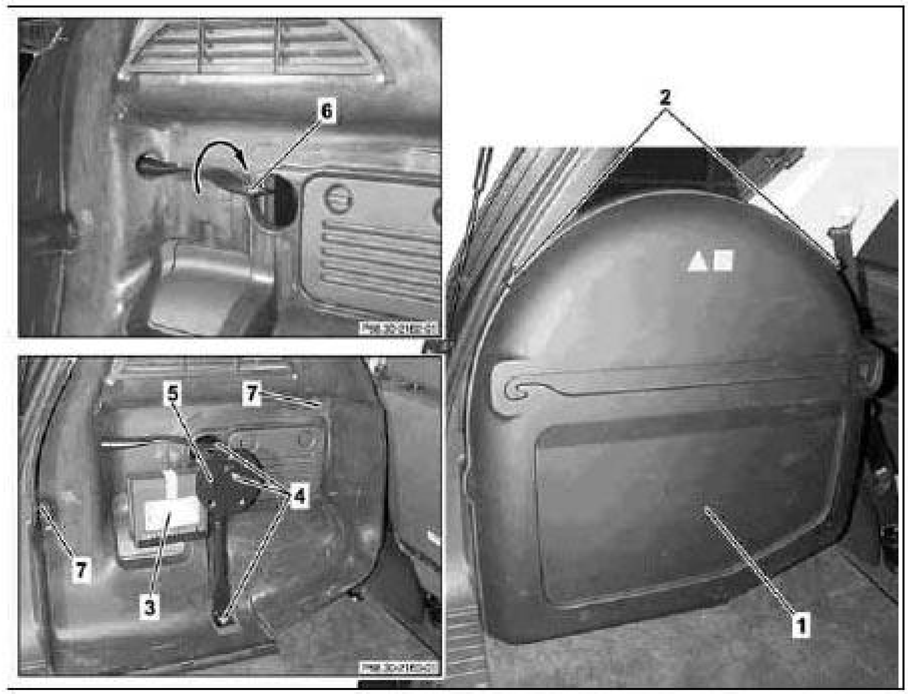


Fig. 70: Identifying Assembly Wedge (115 589 03 59 00)

REMOVING AND INSTALLING SPARE WHEEL COVER - AR68.30-P-4610GH

MODEL 163.174

1 Spare wheel cover front section
2 Retaining straps
3 Electric air pump
4 Screws
5 Spare wheel mount
6 Bracket
7 Screws



P68.30-2161-06

Fig. 71: Identifying Spare Wheel Cover Components

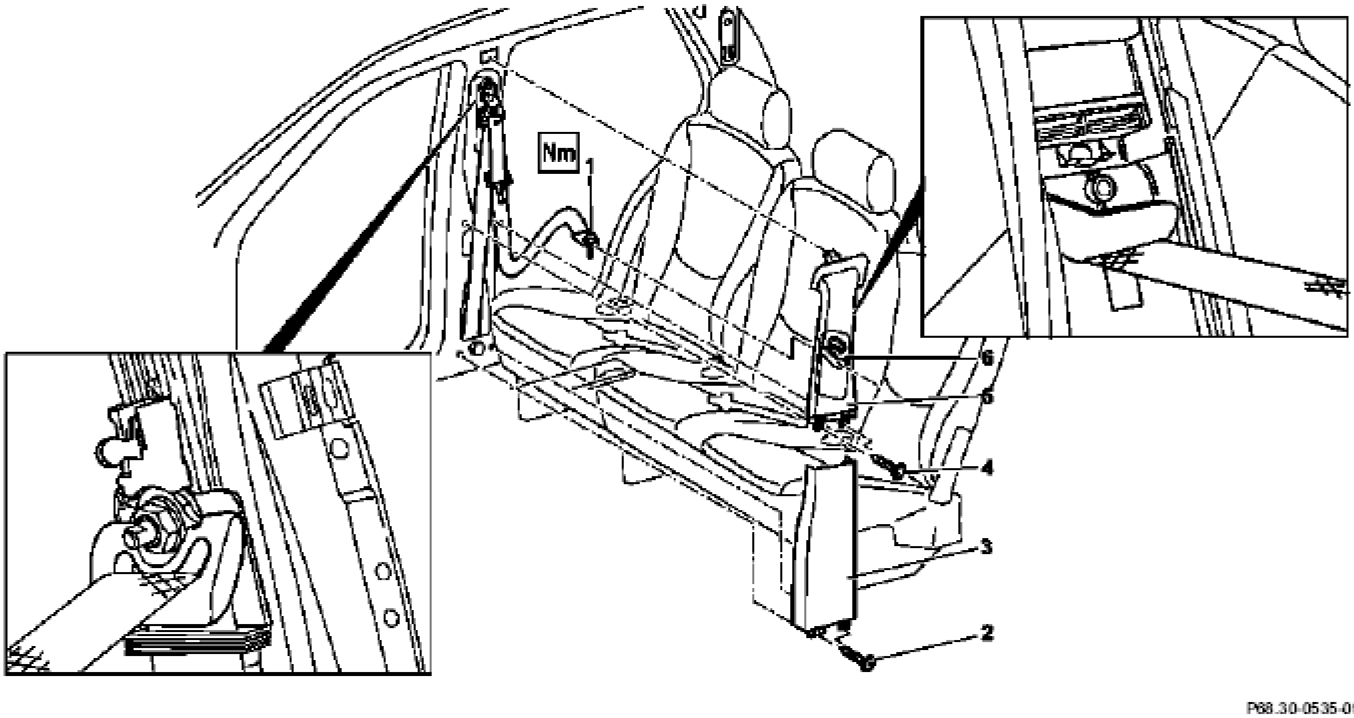
Danger!	**Removal, installation**		
1	Remove cargo space cover	See Owner's Manual.	
2	Loosen retaining straps (2) and remove spare wheel cover front section (1)		
3	Remove spare wheel	Nm	***BA40.10-P-1002-01A**
4	Remove electric air pump (3)		
5	Unscrew screws (4) and remove spare wheel mount (5)		
6	Remove bracket (6)	Turn in clockwise direction until bracket (6) releases at D-pillar.	
7	Remove rear wall on spare wheel cover	2 screws.	
8	Install in opposite order		

Nm **Wheels**

Number	**Designation**	**Model 163.174**
BA40.10-P-1002-01A	Bolt for spare wheel on inside of spare wheel mount Nm	50

REMOVE/INSTALL PANELING ON B-PILLAR - AR68.30-P-4700GH

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175



1	Belt end fitting bolt	3	Bottom paneling	5	Top trim panel
2	Sheet metal screw	4	Sheet metal screw	6	Seat belt height adjuster

Fig. 72: Identifying Paneling On B-Pillar Components

Danger!	**Remove/install**		
USA **Removal**	**Risk of fracture and cracking** of plastic paneling parts and the associated clip retainers		
1	Remove door sill molding		**AR68.30-P-4100GH**
2	Pull off front and rear rubber door seal in the area of the B-pillar		
3	Unscrew screw for belt end fitting (1) from seat	Nm	***BA91.40-P-1001-01D**
4	Remove bottom paneling (3)		
5.1	Remove SRS label and unscrew screw behind	As of 1.9.01.	
6	Unscrew sheet metal screws (4) from upper paneling		
		As of 1.9.01: clips are no longer present. **Installation:** The lug of the seat belt	

7.1	Unclip top panel (5)	adjusting device (6) must align with the recess of the paneling. Check mounting clips and replace if damaged.	
8	Install in the reverse order		

Nm **Safety belts/emergency tensioning retractors**

Number	Designation	Model 163 up to 08/99	Model 163 as of 09/99
BA91.40-P-1001-01D	Belt end fitting screw Nm	35	35

REMOVING AND INSTALLING INSIDE REARVIEW MIRROR - AR68.40-P-0001GH

MODEL 163.136 /154 /172 #A up to 145272, 163.136 /154 /172 #X up to 708318

1 Cable duct
2 Wiring shaft
3 Mirror base
H7/1 Inside rearview mirror
H7/1x1 Connector
(for automatic dimming inside rearview mirror)

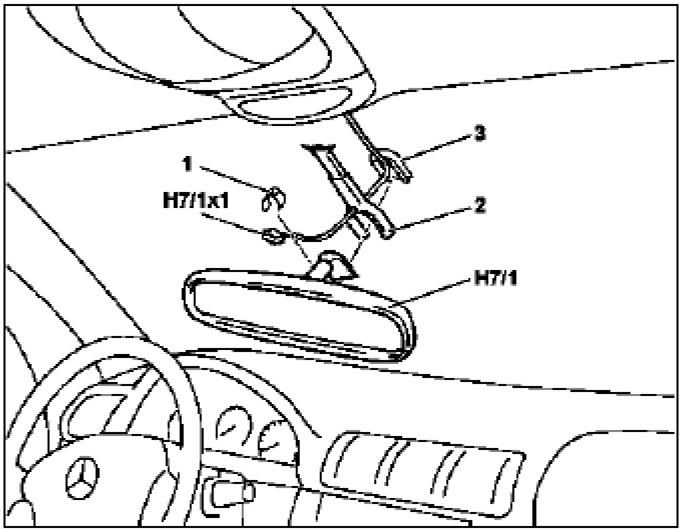


Fig. 73: Identifying Inside Rearview Mirror Components

Danger!	Remove/install	
1	Disconnect connector (H7/1x1) from rear of inside rearview mirror (H7/1)	Only with code (249a), automatic dimming inside rearview mirror
2	Remove cable duct (1) from mirror shaft	Only with code (249a), automatic dimming inside rearview mirror
3	Push cable duct (2) together and remove	Only with code (249a), automatic dimming inside rearview mirror
4	Turn mirror shaft 90 degrees and pull out of mirror base (3) downward	Inside rearview mirror is arrested on mirror base with spring tension
5	Install in the reverse order	

REMOVE/INSTALL INSIDE REARVIEW MIRROR - AR68.40-P-0001GI

MODEL 163.136 /154 /172 #A as of 145273, 163.136 /154 /172 #X as of 708319, 163.113 /128 /157 /174 /175

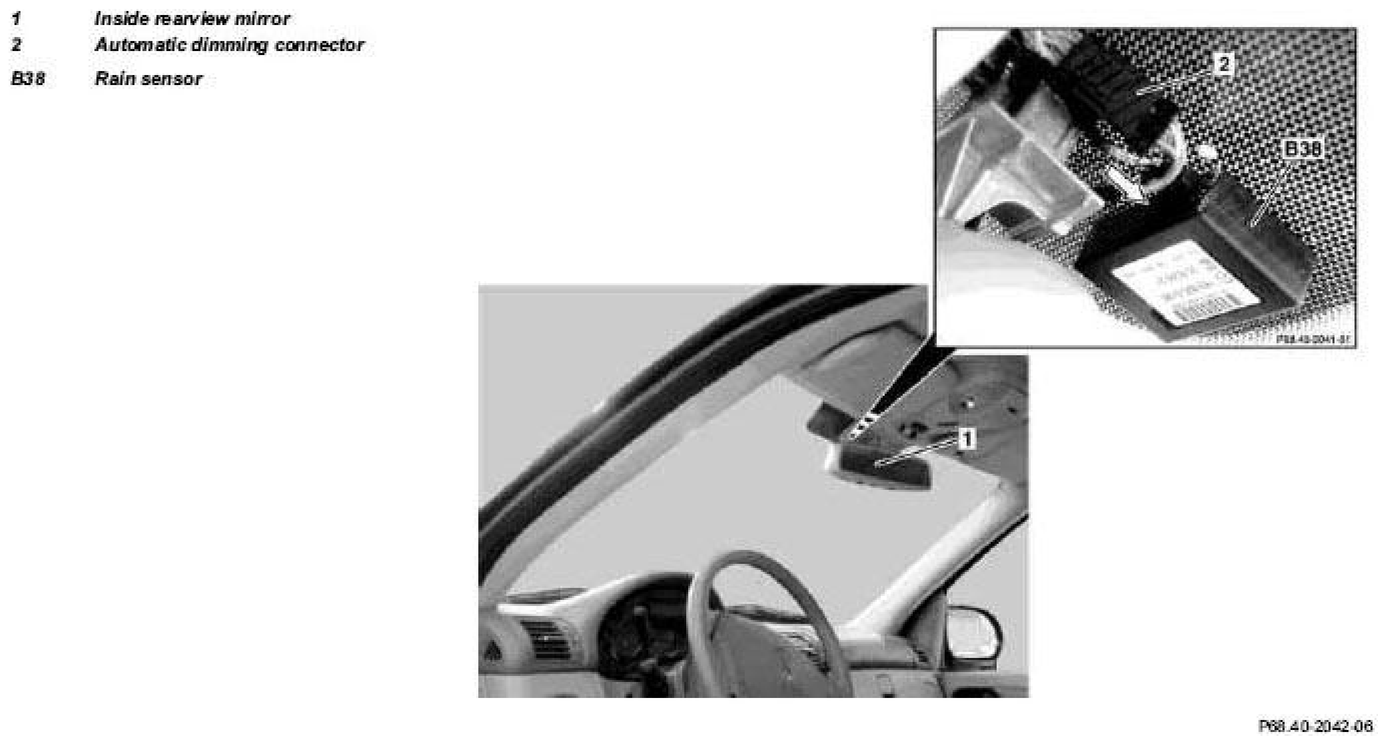


Fig. 74: Identifying Inside Rearview Mirror, Automatic Dimming Connector & Rain Sensor

Danger!	**Remove/install**		
1	Turn inside rearview mirror (1) 90 and press against mirror housing at side.	USA Danger of breaking windshield. Do not damage rain sensor (B38), if present.	
2.1	Disconnect automatic dimming connector (2).	Only with automatically dimming inside rearview mirror, code 249a.	
3	Install in the reverse order		

REMOVING AND INSTALLING SUN VISOR - AR68.60-P-5480GH

MODEL 163

1	Sun visor mount
2	Screws
3	Roof frame grab handle
4	Roof wiring harness
5	A-pillar paneling
6	Headliner
E14/1	Left sun visor with illuminated mirror
E14/2	Right sun visor with illuminated mirror
E14/1x1	Left mirror illumination connector
E14/2x1	Right mirror illumination connector

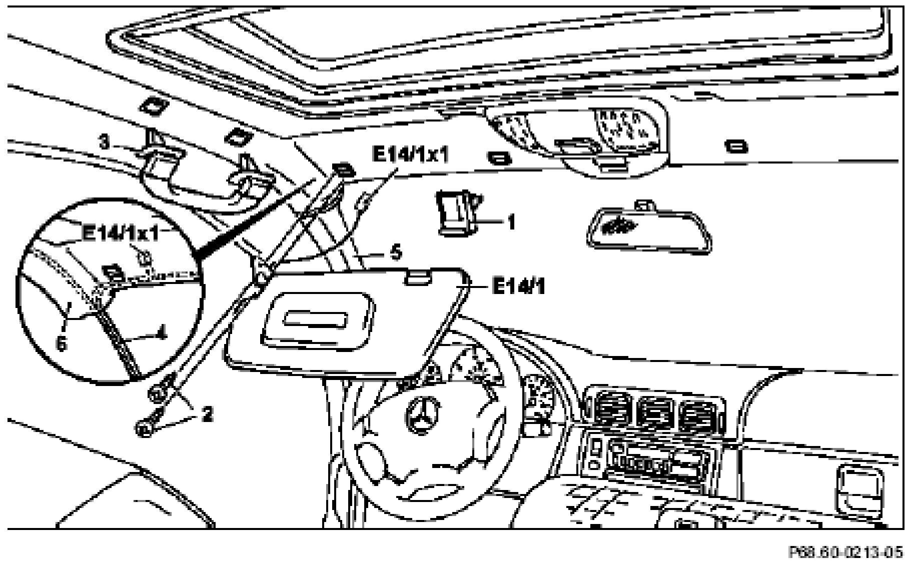


Fig. 75: Identifying Sun Visor Components

Danger!	**Removal, installation**		
1	Remove paneling on A-pillar (5)		**AR68.30-P-4050GH**
2	Remove roof frame grab handles (3)	Open cover for grab handles, press both clips together and push grab handles upward. Pull out grab handles.	
3	Unclip sun visor mount (1) on roof frame		
4	Unscrew screws (2) from sun visor hinge on roof frame		
5	Disconnect connector (E14/1x1, E14/2x1) of sun visor from roof wiring harness (4)	Pull headliner down approx. 10 cm at corner next to A-pillar. USA Do not kink headliner.	
6	Remove sun visor (E14/1, E14/2)		
7	Install in opposite order		

MAINTENANCE

CLEAN DOME (PREFABRICATED HEADLINER) FROM TEXTILE MATERIAL, FLOOR COVERINGS, REAR SHELF, AND OTHER TEXTILES - AP68.00-P-1000-01A

all

Work procedure:

Remove dry contamination such as dust, ashes, etc. with dust extractor.* If this is not possible, e.g. deep-seated

dry contamination, brush seat with nylon or natural hair brush (not metal brush) and vacuum.

Clean severe spots and soil first with MB car shampoo. Soak up MB car shampoo with absorbent rags or paper towel and dry (with air drier if required). If this is not successful, clean again with MB spot remover after drying.

For this purpose, use a rag saturated with MB spot remover.

Generally soak up dissolved spot substances with absorbent rag or paper towel and dry.

Spots cannot always be removed without leaving a ring. In such cases, uniformly clean the individual column, the entire part or the entire surface.

Carpeting can also be cleaned using the spray vacuum process with carpet cleaning machines

(e.g. Puzzi machine from Karcher company, etc.).

Repair materials

Number	Designation	Order number
BR00.45-Z-1004-04A	Stain removal solution	A 001 986 28 71
BR00.45-Z-1003-04A	Textile cleaner	A 001 986 25 71
BR00.45-Z-1002-04A	Car shampoo	A 001 986 41 71

CLEAN SYNTHETIC LEATHER HEADLINER (STRETCH HEADLINER) - AP68.00-P-1000-02A

all

Work procedure

Apply uniformly and thinly with lent-free rag to prevent fluid from penetrating through the fine perforations.

Do not use solvent (naphtha or similar) Damages the surface of the synthetic leather.

Repair materials

Number	Designation	Order number
BR00.45-Z-1005-04A	Cleaner	A 000 986 51 71
BR00.45-Z-1003-04A	Textile cleaner	A 001 986 25 71
BR00.45-Z-1002-04A	Car shampoo	A 001 986 41 71

CLEANING THE VEHICLE INTERIOR - AP68.00-P-1000ZZ

MODEL all

Cleaning vehicle headliners of textile material (prefabricated headliners), floor coverings, rear shelf coverings, and other textiles	**AP68.00-P-1000-01A**
Cleaning synthetic leather vehicle headliners (tensioned headliners)	**AP68.00-P-1000-02A**
Cleaning seat belts	**AP91.40-P-1000-01A**
Cleaning instrument cluster, steering wheel and gearshift lever (standard version)	**AP68.10-P-1000-01A**
Cleaning leather upholstery, leather steering wheel, and leather gearshift lever	**AP91.18-P-1000-01A**
Cleaning plastic covering parts	**AP68.30-P-1000-01A**
Cleaning MB Tex upholstery	**AP91.18-P-1000-02A**
Cleaning fabric upholstery	**AP91.18-P-1000-03A**
Cleaning velours upholstery	**AP91.18-P-1000-04A**
Cleaning amaretta upholstery	**AP91.18-P-1000-05A**

CLEAN INSTRUMENT CLUSTER, STEERING WHEEL AND GEARSHIFT LEVER (STANDARD VERSION) - AP68.10-P-1000-01A

all

Work procedure

Wipe off with moist, lent-free rag.

Do **not** use scouring agent to prevent scratching surfaces.

Do **not** bring Plexiglas cover on instrument cluster and Mercedes Star in steering wheel into contact with solvent or cleaning agents containing solvents (danger of tension cracking).

Do not apply liquids to Plexiglas cover on instrument cluster.

Repair materials

Number	Designation	Order number
BR00.45-Z-1002-04A	Car shampoo	A 001 986 41 71

CLEAN PLASTIC PANELING PARTS - AP68.30-P-1000-01A

all

Work procedure

Wipe off with moist, lent-free rag and polish

Do **not** use scouring agent to prevent scratching the surfaces. Do **not** allow MB plastic cleaner to come into contact with textile surfaces (spotting) Do not allow MB plastic cleaner to come into contact with Plexiglas cover on instrument (danger of tension cracks). Other agents (e.g. cockpit spray) which result in a glossy surface, are not permissible due to reflections.

Repair materials

Number	Designation	Order number
BR00.45-Z-1002-04A	Car shampoo	A 001 986 41 71
BR00.45-Z-1005-04A	Cleaner	A 000 986 51 71

RETROFITTING & CONVERSION

MODIFYING CARPET FOR SEAT BELT ATTACHMENT POINT - AN68.20-P-0001-03A

Model 163">

1. Position outer holes of template (1) over center of D-ring Torx fasteners on rear floor cargo compartment.
2. Install T40 Torx bit through each of the template outer holes into the D-ring Torx fasteners to keep template positioned correctly.

   Start at rear template hole, insert Torx bit, stretch out template, then insert Torx bit into front hole.

3. Transfer center hole dimension (2) onto carpet
4. Remove template (1).
5. Remove section (2) of carpet with knife.

   To gain access to the seat belt attachment point.

6. Repeat for opposite side.

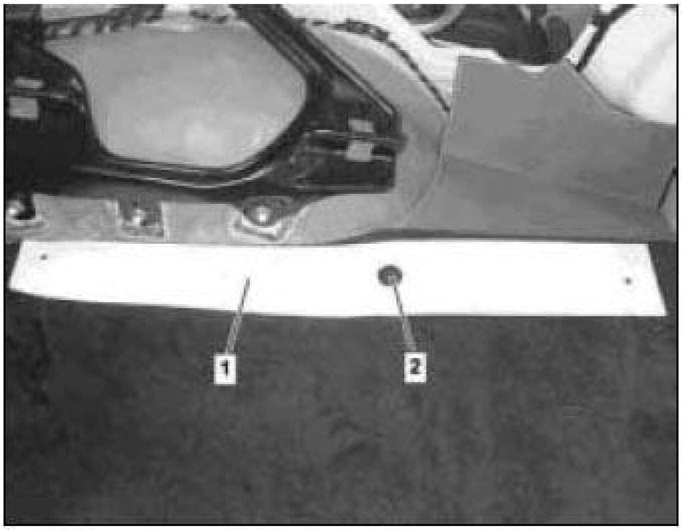


Fig. 76: Identifying Template And Carpet

MODIFY PANELING ON D-PILLAR - AN68.30-P-0001-01A

MODEL 163.113 /154 #A up to 289564, 163.113 #X up to 754619, 163.154 #X up to 716524, 163.136 /172

USA When working ensure that the seatbelt is correctly installed, operates properly and that damage to the outer paneling surface is prevented.

1. Glue hole template (2) for seatbelt onto D-pillar paneling (1).

   Position edge of template to edge of paneling.

2. Mark dimensions of oblong hole (3) on D-pillar paneling (1).
3. Remove hole template (2).
4. Cut out oblong hole (3) for seatbelt.
5. Debug hole edges with P240 sand paper.
6. Polish hole edges with P600 sand paper.

   USA To avoid possible chafing of the seatbelt, a uniform smooth surface is required.

7. Repeat on opposite side.

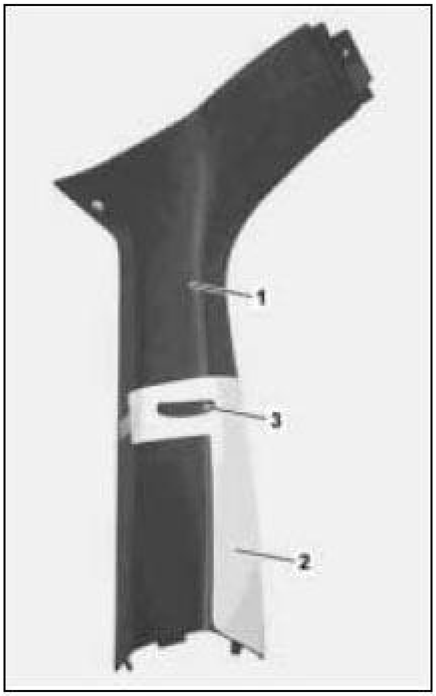


Fig. 77: Identifying D-Pillar Paneling, Template And Oblong Hole

MODIFY ROOF PANELING FOR INSTALLING HANDLE AND CLAMPING STRAP MOUNT - AN68.30-P-0001-02A

Model 163.113 /154 #A up to 289564, #X up to 754619 Model 163.136/ 172 with code (847), 3rd seat row

Nm **Handles**

Number	Designation		MODEL Series 163
BA68.70-P-1001-02A	Screw for pivot handle/mount on roof frame	Nm	2.5

1. Remove clothes hook and accessory hook.
2. Position template (1) to roof paneling.

   Fasten template with adhesive tape.

3. Mark points which must be cut out for installing the handle.
4. Remove template (1).
5. Cut out cutouts for handle.

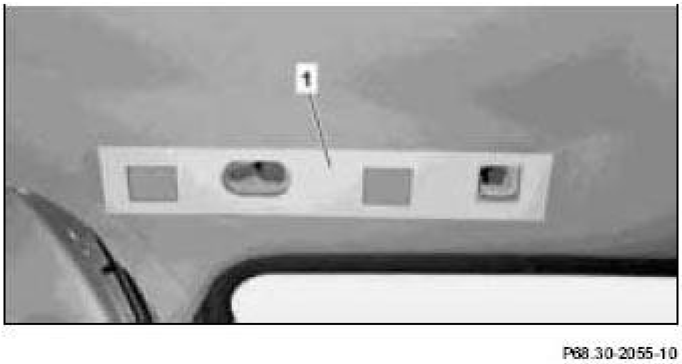


Fig. 78: Identifying Handle Template

Only on vehicles with safety standard FMVSS201.

6.1 Install shock absorber (5).

USA Danger of cracks. Carefully pull roof paneling downward and install shock absorber between roof paneling and roof frame.

The flat side of the shock absorber (5) points in the direction of the roof frame.

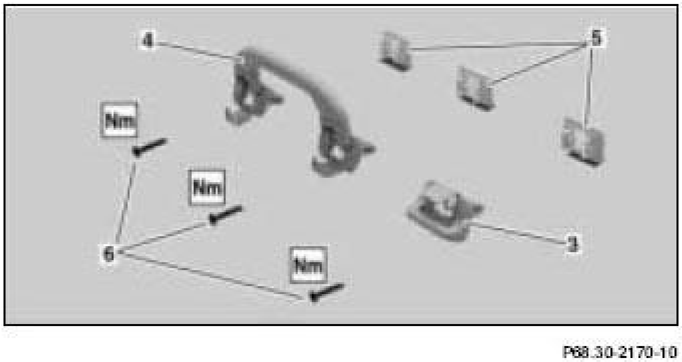
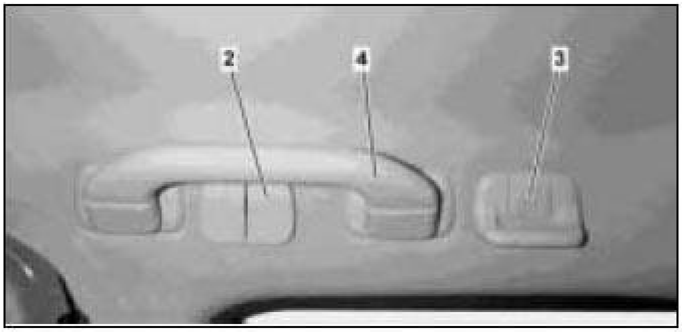


Fig. 79: Identifying Accessory Hook And Pivot Handle - Only On Vehicles With Safety Standard FMVSS201.

7 Install accessory hook (2), clamping strap mount (3) and pivot handle (4).

On vehicles with FMVSS201 install special clamping strap mounts and pivot handles with screws (6) Nm .

8 Repeat on opposite side.



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Fig. 80: Identifying Accessory Hook, Clamping Strap Mount And Pivot Handle - On Vehicles With FMVSS201

MODIFY ROOF PANELING FOR INSTALLING HANDLE AND CLAMPING STRAP MOUNT - AN68.30-P-0001-02B

Model 163.113 /154 #A as of 289565, Model 163.113 #X as of 754620, Model 163.128/ 157/ 175 with code (847), 3rd seat row

1. Remove accessory hook.
2. Position template (1) to roof paneling.

   Fasten template with adhesive tape.

3. Mark points which must be cut out for installing pivot handle and clamping strap.
4. Remove template (1).



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Fig. 81: Identifying Pivot Handle Template

5. Cut out cutouts for pivot handle and clamping strap mount.

   Do not cut into window airbag or wiring harness.

6. Repeat on opposite side.

6 Install accessory hook (2), clamping strap mount (3) and handle (4).

7 Repeat on opposite side.

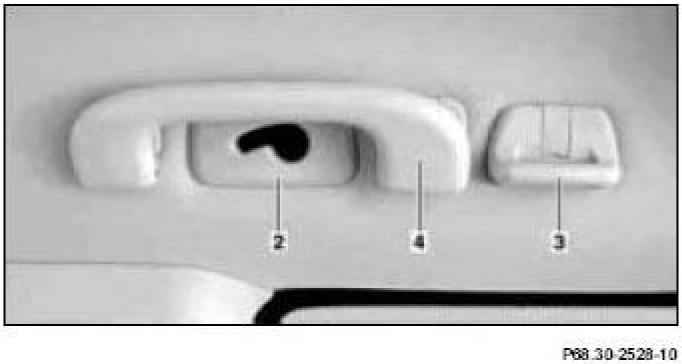


Fig. 82: Identifying Accessory Hook, Clamping Strap Mount And Handle